

THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Optical Detector with mounting base
- 2 x CR123A batteries
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

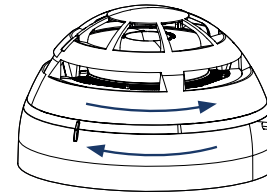
- When unboxing the detector you will find the unit and its mounting base.
- This comes with pre-formed mounting holes to mount the detector base and a securing screw on the base to ensure there is no unwanted removal.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

Scan QR code
for full user manual



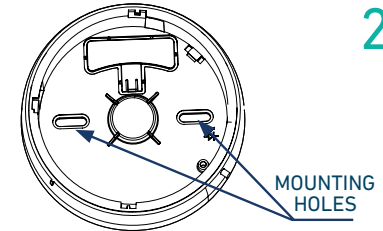
RW1000-600APO



1

UNLOCK

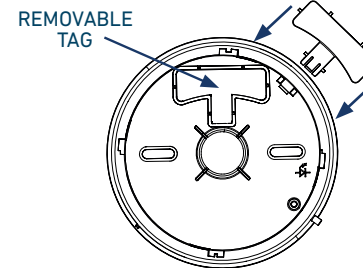
- Remove the detector's dust cover, intended to protect the unit during shipping.
- Remove the detector from the base twisting anticlockwise.



2

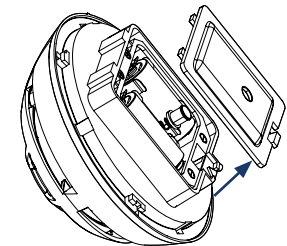
MOUNTING HOLES

- Locate the mounting holes and mark them using a pencil on the desired surface you are drilling.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.



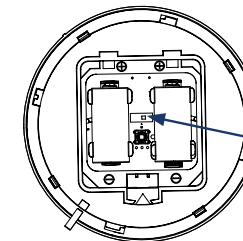
3

- A plastic pop out tag is removable from the base to enable you to label the address of the detector, prior to fixing to the ceiling: pop out the device label tag from the base and insert it into the side.
- Screw the base to the ceiling using all fixing holes and appropriate-sized screws.



4

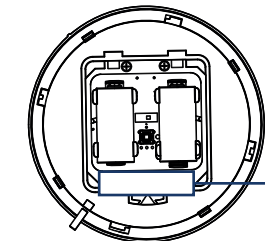
Remove the battery compartment cover on the base on the detector.



5

SWITCH ON

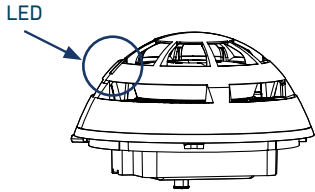
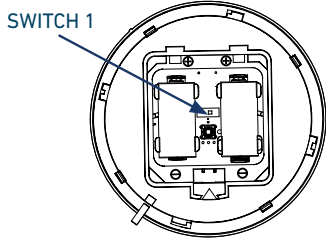
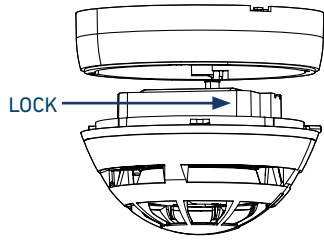
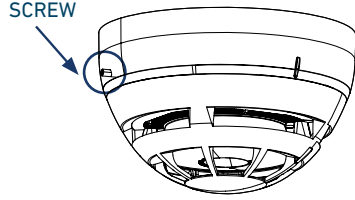
Ensure the programming switch in the base of the detector is in position ON.

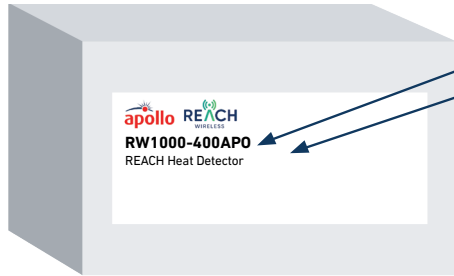


6

REMOVE INSULATING TAG

Remove the batteries' insulating tab ensuring the batteries are kept in their lodgement.

<p>7</p>  <p>LED</p> <p>The detector's LED will signal 4 times red.</p>	<p>8</p>  <p>SWITCH 1</p> <ul style="list-style-type: none"> • Move the switch in the base of the detector to position 1. • The detector's LED will blink few seconds green and then signal alternatively green / red 4 times.
<p>9</p>  <p>LOCK</p> <ul style="list-style-type: none"> • Ensure you replace the battery cover as this forms part of the detectors anti-tamper protection and refit the detector locating it into the base twisting clockwise. 	<p>10</p>  <p>SCREW</p> <ul style="list-style-type: none"> • Secure the screw on the base to ensure there is no unwanted removal using a M3 allen key.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Heat Detector with mounting base
- 2 x CR123A batteries
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

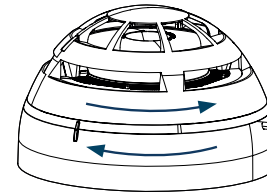
- When unboxing the detector you will find the unit and its mounting base.
- This comes with pre-formed mounting holes to mount the detector base and a securing screw on the base to ensure there is no unwanted removal.

Scan QR code
for full user manual



RW1000-400APO

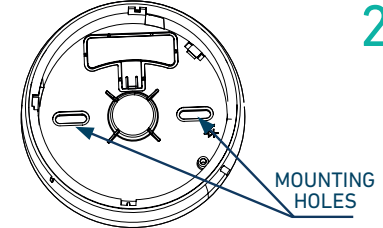
For more information, please refer to the user manual. Available on apollo-fire.co.uk



1

UNLOCK

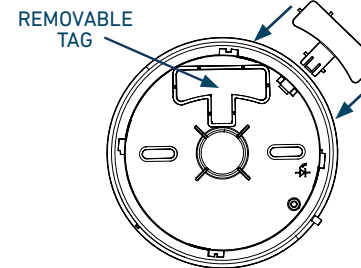
- Remove the detector's dust cover, intended to protect the unit during shipping.
- Remove the detector from the base twisting anticlockwise.



2

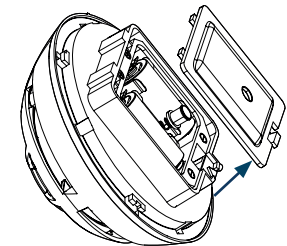
MOUNTING HOLES

- Locate the mounting holes and mark them using a pencil on the desired surface you are drilling.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.



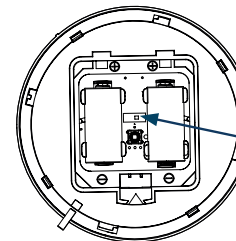
3

- A plastic pop out tag is removable from the base to enable you to label the address of the detector, prior to fixing to the ceiling: pop out the device label tag from the base and insert it into the side.
- Screw the base to the ceiling using all fixing holes and appropriate-sized screws.



4

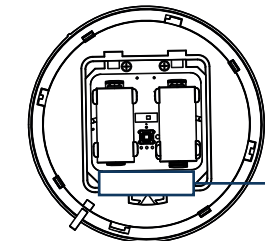
Remove the battery compartment cover on the base on the detector.



5

SWITCH ON

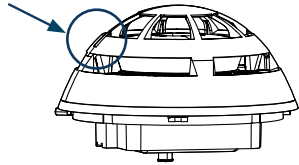
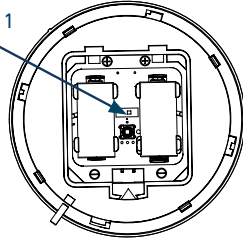
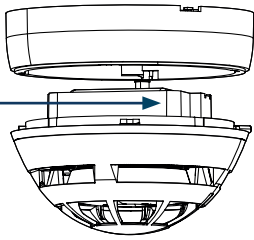
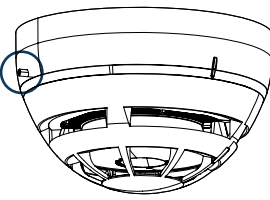
Ensure the programming switch in the base of the detector is in position ON.

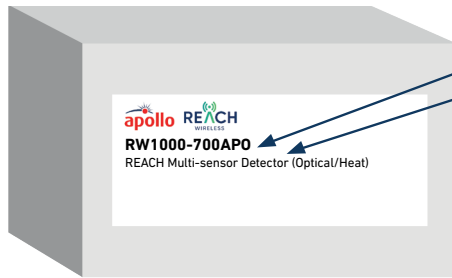


6

REMOVE INSULATING TAG

Remove the batteries' insulating tab ensuring the batteries are kept in their lodgement.

<p>LED</p>  <p>7</p> <p>The detector's LED will signal 4 times red.</p>	<p>SWITCH 1</p>  <p>8</p> <ul style="list-style-type: none"> • Move the switch in the base of the detector to position 1. • The detector's LED will blink few seconds green and then signal alternatively green / red 4 times.
<p>LOCK</p>  <p>9</p> <ul style="list-style-type: none"> • Ensure you replace the battery cover as this forms part of the detectors anti-tamper protection and refit the detector locating it into the base twisting clockwise. 	<p>SCREW</p>  <p>10</p> <ul style="list-style-type: none"> • Secure the screw on the base to ensure there is no unwanted removal using a M3 allen key.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1x Multi-Sensor Detector with mounting base
- 2x CR123A batteries
- 1x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

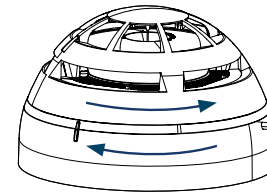
- When unboxing the detector you will find the unit and its mounting base.
- This comes with pre-formed mounting holes to mount the detector base and a securing screw on the base to ensure there is no unwanted removal.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

Scan QR code
for full user manual



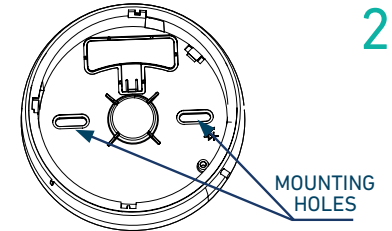
RW1000-700APO



1

UNLOCK

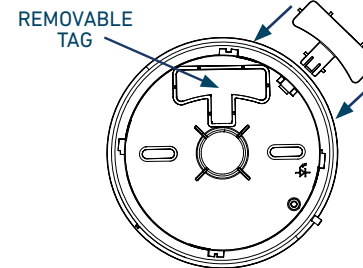
- Remove the detector's dust cover, intended to protect the unit during shipping.
- Remove the detector from the base twisting anticlockwise



2

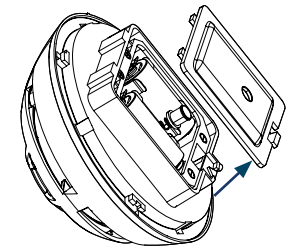
MOUNTING HOLES

- Locate the mounting holes and mark them using a pencil on the desired surface you are drilling.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.



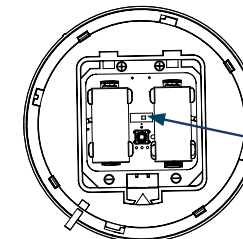
3

- A plastic pop out tag is removable from the base to enable you to label the address of the detector, prior to fixing to the ceiling: pop out the device label tag from the base and insert it into the side.
- Screw the base to the ceiling using all fixing holes and appropriate-sized screws.



4

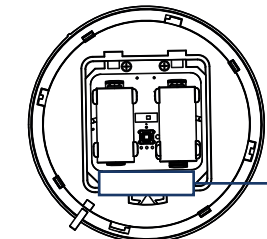
Remove the battery compartment cover on the base on the detector.



5

SWITCH ON

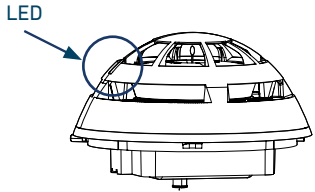
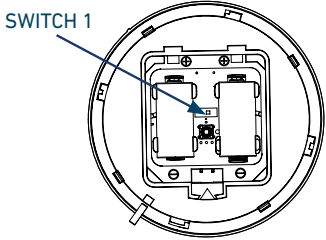
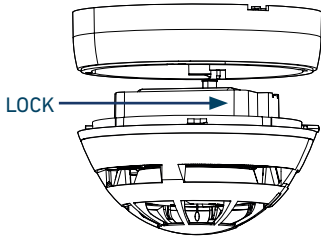
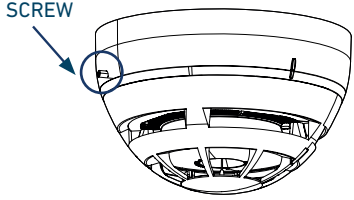
Ensure the programming switch in the base of the detector is in position ON.

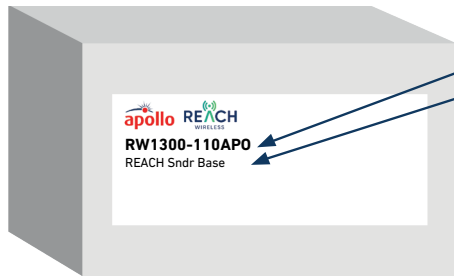


6

REMOVE INSULATING TAG

Remove the batteries' insulating tab ensuring the batteries are kept in their lodgement.

<p>7</p>  <p>LED</p> <p>The detector's LED will signal 4 times red.</p>	<p>8</p>  <p>SWITCH 1</p> <ul style="list-style-type: none"> • Move the switch in the base of the detector to position 1. • The detector's LED will blink few seconds green and then signal alternatively green / red 4 times.
<p>9</p>  <p>LOCK</p> <ul style="list-style-type: none"> • Ensure you replace the battery cover as this forms part of the detectors anti-tamper protection and refit the detector locating it into the base twisting clockwise. 	<p>10</p>  <p>SCREW</p> <ul style="list-style-type: none"> • Secure the screw on the base to ensure there is no unwanted removal using a M3 allen key.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Sounder Base
- 2 x CR123A batteries
- 3 x Screws
- 1 x Battery cover
- 1 x Quick start guide



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the Sounder Base you will find the unit and its mounting base.
- This comes with pre-formed mounting holes to mount the mounting base.
- A securing screw is fitted to ensure unwanted removal of the attached device.
- Two screws are supplied to fix the sounder to the mounting base and one screw (optional) can be used to fix the battery cover, when the base is topped by the lid.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

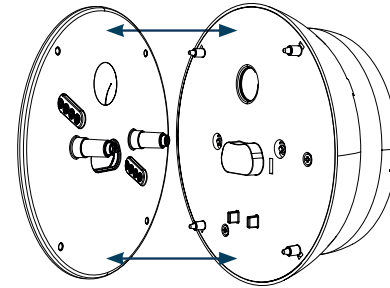
Scan QR code
for full user manual



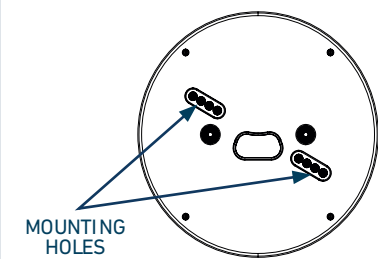
RW1300-110APO

MOUNTING STEPS

Proceed as follows to complete the device installation.

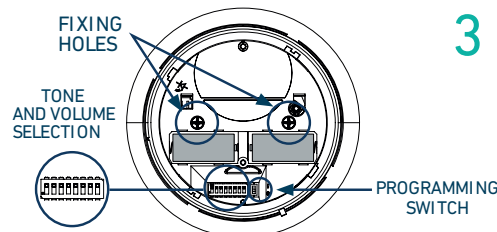


Remove the mounting base from the sounder.

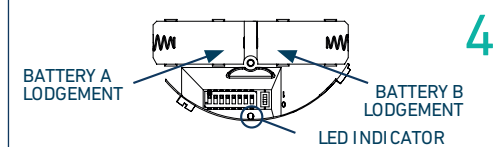


MOUNTING HOLES

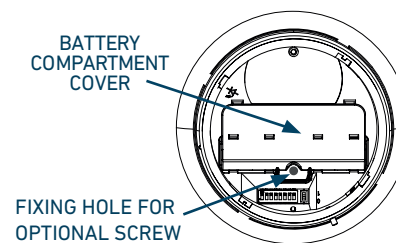
- Locate the mounting holes and mark them using a pencil on the desired surface your are drilling.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.
- Screw the base to the ceiling using all fixing holes and appropriate-sized screws.



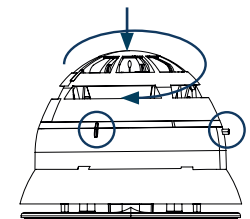
- Put the sounder back onto the mounting base and secure with the two screws supplied.
- Select the tone and volume you require (see next page)
- Ensure the programming switch in the base of the sounder is in position ON.



- Fit the 2x CR123A batteries ensuring you have checked they are the correct way around observing the polarity indications on the base of the sounder base.
- The LED will signal 4 times red.
- Move the switch in the base of the sounder base to position 1.
- The LED will blink few seconds green and then signal alternatively green/red 4 times.
- Ensure you replace the battery cover as this forms part of the sounder base anti-tamper protection.



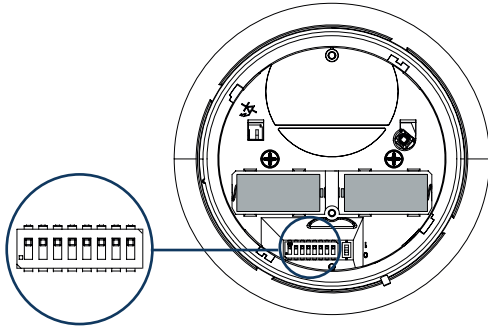
Fit the battery compartment cover on the base.



- Fit the detector or the blanking cap to the top of the device and secure the safety screw using a M3 allen key.

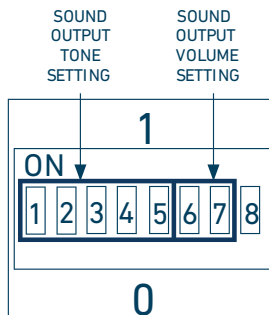
STONE AND VOLUME SELECTION

Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.









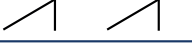

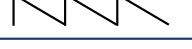

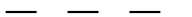



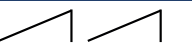









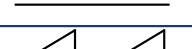
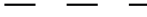


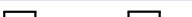



SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	SOUND OUTPUT TONE SETTING	CHECK TONE SET TABLES
2		
3		
4		
5		
6	SOUND OUTPUT VOLUME SETTING	CHECK SOUND VOLUME TABLE
7		
8	NOT USED	

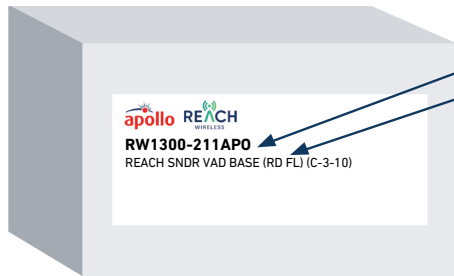
SOUND VOLUME LEVEL	DIP CONFIGURATION
HIGH*	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00



* EN 54-3 approved volume

Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullen)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullen)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands - NEN 2575:2000 (Dutch Slow Whoop)	500 - 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz - 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz - 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz - 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms.		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz - 1200Hz 4s followed by 1200 - 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France - AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume



THE BOX

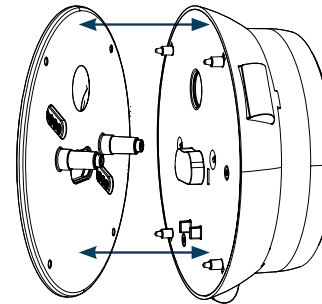
Product Part Number
Product Description

INSIDE THE BOX

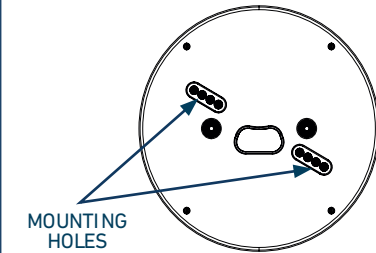
- 1 x Sounder VAD Base (Red Flash)
- 2 x CR123A batteries
- 3 x Screws
- 1 x Battery cover
- 1 x Quick start guide

MOUNTING STEPS

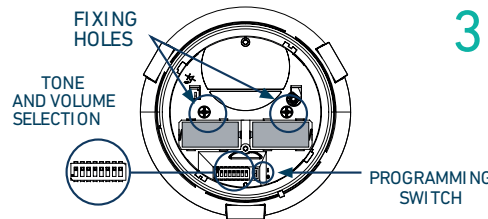
Proceed as follows to complete the device installation.



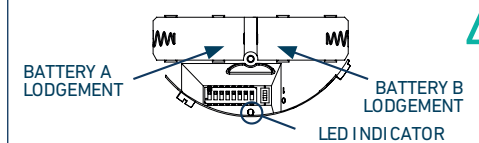
Remove the mounting base from the sounder.



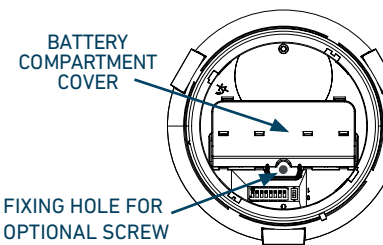
- Locate the mounting holes and mark them using a pencil on the desired surface you are drilling.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.
- Screw the base to the ceiling using all fixing holes and appropriate-sized screws.



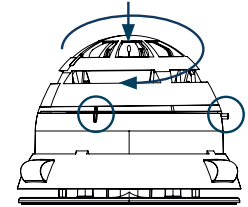
- Put the sounder back onto the mounting base and secure with the two screws supplied.
- Select the tone and volume you require (see next page).
- Ensure the programming switch in the base of the sounder is in position ON.



- Fit the 2x CR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the base of the sounder base.
- The LED will signal 4 times red.
- Move the switch in the base of the sounder base to position 1.
- The LED will blink few seconds green and then signal alternatively green/red 4 times.
- Ensure you replace the battery cover as this forms part of the sounder base anti-tamper protection.



Fit the battery compartment cover on the base.



- Fit the detector or the blanking cap to the top of the device and secure the safety screw using a M3 allen key.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the Sounder VAD Base you will find the unit and its mounting base.
- This comes with pre-formed mounting holes to mount the mounting base.
- A securing screw is fitted to ensure unwanted removal of the attached device.
- Two screws are supplied to fix the sounder to the mounting base and one screw (optional) can be used to fix the battery cover, when the base is topped by the lid.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

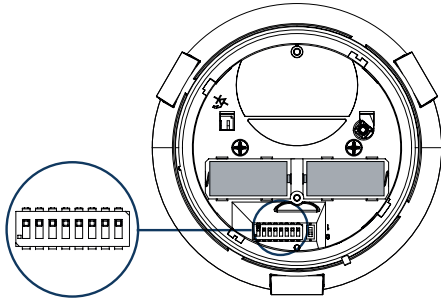
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RW1300-211APO

TONE AND VOLUME SELECTION

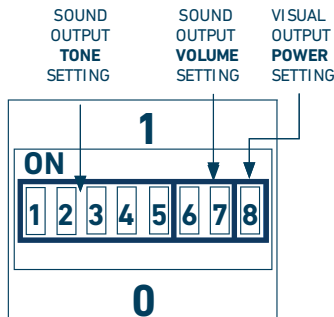
Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.


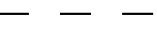

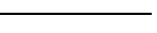
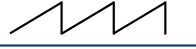
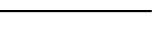
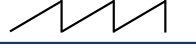
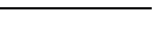
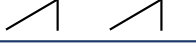

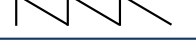

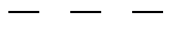

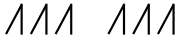

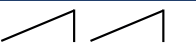


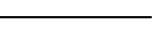




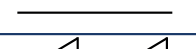

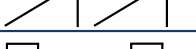

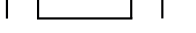





SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	SOUND OUTPUT TONE SETTING	CHECK TONE SET TABLES
2		
3		
4		
5		
6	SOUND OUTPUT VOLUME SETTING	CHECK SOUND VOLUME TABLE
7		
8	VISUAL OUTPUT POWER SETTING	1 = high; C 3-10 (EN54-23) 0 = low; 0 1,7-6 (EN54-23)

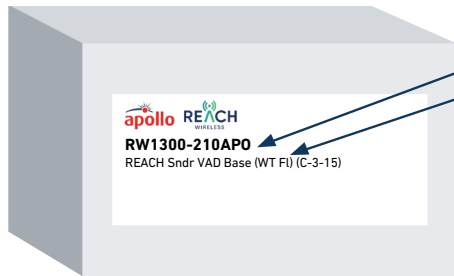
SOUND VOLUME LEVEL	DIP CONFIGURATION
HIGH*	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00

* EN 54-3 approved volume



Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullerton)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullerton)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands - NEN 2575:2000 (Dutch Slow Whoop)	500 - 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz - 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz - 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz - 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz - 1200Hz 4s followed by 1200 - 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France - AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Sounder VAD Base (White Flash)
- 2 x CR123A batteries
- 3 x Screws
- 1 x Battery cover
- 1 x Quick start guide



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the Sounder VAD Base you will find the unit and its mounting base.
- This comes with pre-formed mounting holes to mount the mounting base.
- A securing screw is fitted to ensure unwanted removal of the attached device.
- Two screws are supplied to fix the sounder to the mounting base and one screw (optional) can be used to fix the battery cover, when the base is topped by the lid.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

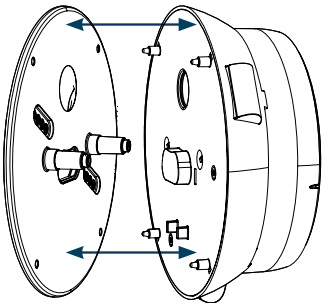
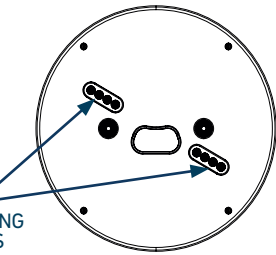
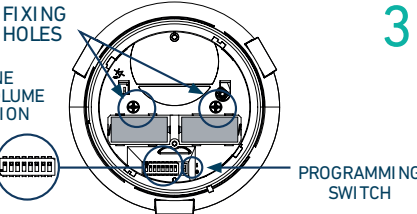
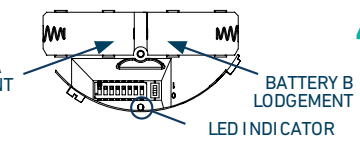
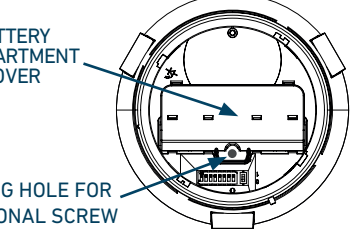
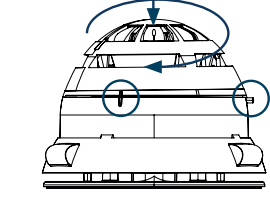
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RW1300-210APO

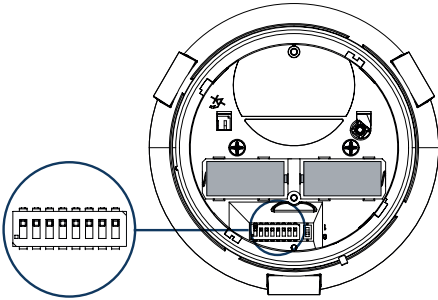
MOUNTING STEPS

Proceed as follows to complete the device installation.

 <p>1</p> <p>Remove the mounting base from the sounder.</p>	 <p>2</p> <p>MOUNTING HOLES</p> <ul style="list-style-type: none"> • Locate the mounting holes and mark them using a pencil on the desired surface you are drilling. • Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface. • Ensure you use the correct fixings for the type of surface you are mounting to. • Screw the base to the ceiling using all fixing holes and appropriate-sized screws.
 <p>3</p> <ul style="list-style-type: none"> • Put the sounder back onto the mounting base and secure with the two screws supplied. • Select the tone and volume you require (see next page). • Ensure the programming switch in the base of the sounder is in position ON. 	 <p>4</p> <ul style="list-style-type: none"> • Fit the 2x CR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the base of the sounder base. • The LED will signal 4 times red. • Move the switch in the base of the sounder base to position 1. • The LED will blink few seconds green and then signal alternatively green/red 4 times. • Ensure you replace the battery cover as this forms part of the sounder base anti tamper protection.
 <p>5</p> <p>Fit the battery compartment cover on the base.</p>	 <p>6</p> <ul style="list-style-type: none"> • Fit the detector or the blanking cap to the top of the device and secure the safety screw using a M3 allen key.

tone and volume selection

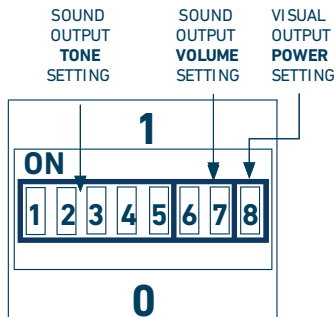
Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.


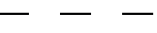

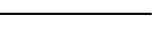
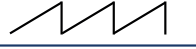
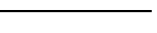
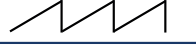
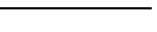
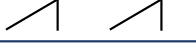

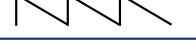

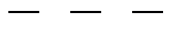

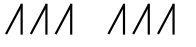

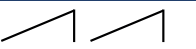


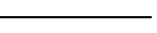




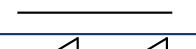

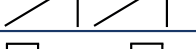

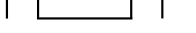





SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	SOUND OUTPUT TONE SETTING	CHECK TONE SET TABLES
2		
3		
4		
5		
6	SOUND OUTPUT VOLUME SETTING	CHECK SOUND VOLUME TABLE
7		
8	VISUAL OUTPUT POWER SETTING	1 = high; C 3-10 (EN54-23) 0 = low; 0 1,7-6 (EN54-23)

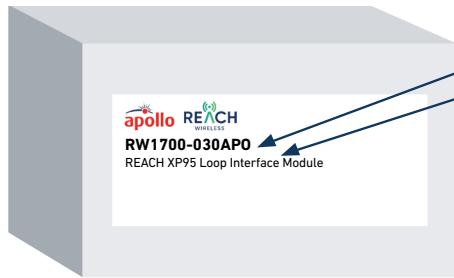
SOUND VOLUME LEVEL	DIP CONFIGURATION
HIGH*	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00

* EN 54-3 approved volume



Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullerton)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullerton)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands - NEN 2575:2000 (Dutch Slow Whoop)	500 - 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz - 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz - 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz - 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz - 1200Hz 4s followed by 1200 - 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France - AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Loop Interface Module
- 4 x Screws
- 1 x Quick start guide

MOUNTING STEPS

The Translator Module is IP65 rated, suitable for external mounting. The backbox must be installed on the wall as flat as possible to retain IP-rating, to prevent distortion of the housing and the ingress of contamination and/or moisture.

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

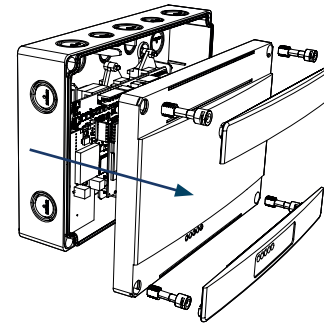
- The Translator has removable top and bottom front plastics to cover screw housings.
- The Translator is housed in an IP Rated box, with knock-outs for IP-rated glands.
- 4 plastic screws are provided to secure the lid.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

Scan QR code
for full user manual

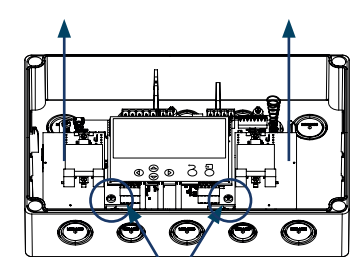


RW1700-030APO



1

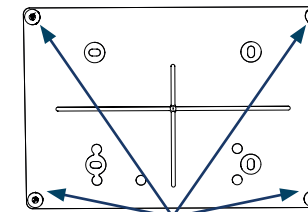
Remove top and bottom front plastics that cover screws, unscrew all four screws and remove the lid from the backbox.



2

SCREWS

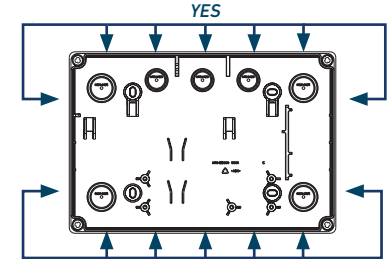
Remove the electronic PCB assembly from the enclosure. The PCB is held by two Philips screws below the display, it then slides up and out.



3

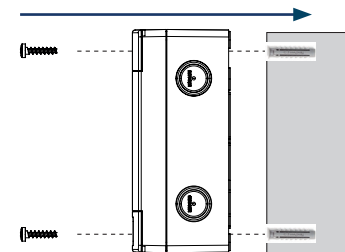
MOUNTING HOLES

Using a suitable-sized drill bit (4mm) drill the pre-defined screw mounting points in the 4 corners of the backbox.



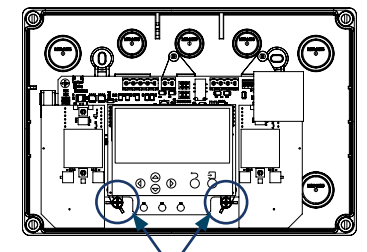
4

Prepare apertures (20mm knockouts) required for cable access and fit appropriate rated glands.



5

Screw the backbox to the wall using all fixing holes and appropriate-sized roundhead screws (do not use countersunk screws).

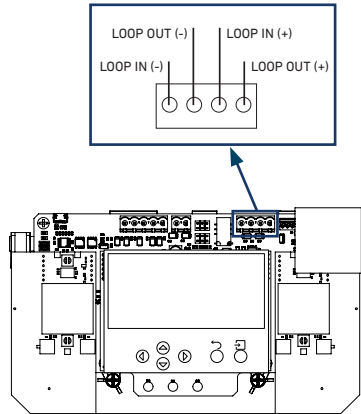


6

SCREWS HOLES

Insert cable, tighten glands and refit PCB and securing screws.

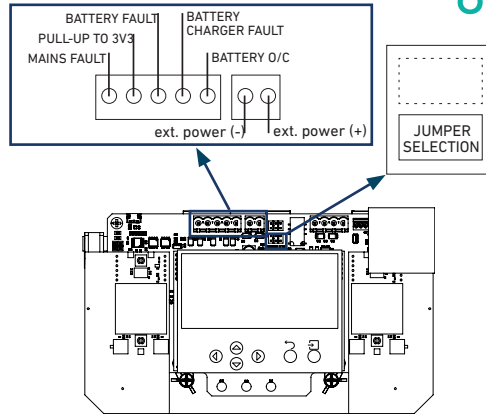
7



The Loop connector on the top of the translator board should be wired to the Panel of your choice, from the left to right the terminals are:

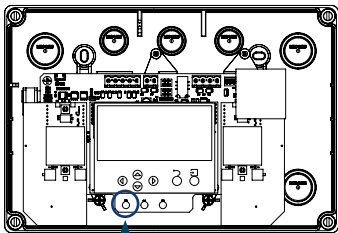
- Loop In Negative wired to Loop Out Negative on the Panel
- Loop Out Negative wired to Loop In Negative on the Panel
- Loop In Positive wired to loop Out Positive on the Panel
- Loop Out Positive wired to Loop In Positive on the Panel.

8



- If connecting a wired EN54-4 PSU (optional) there are 2 terminals for the connections from the power side of the PSU.
- There are also terminals for Fault Monitoring using a feed.
- Ensure you select the correct jumper position.

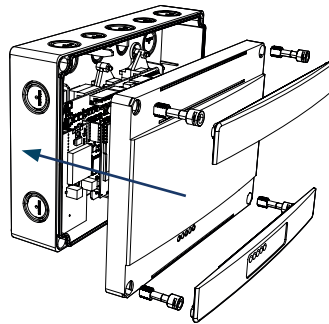
9



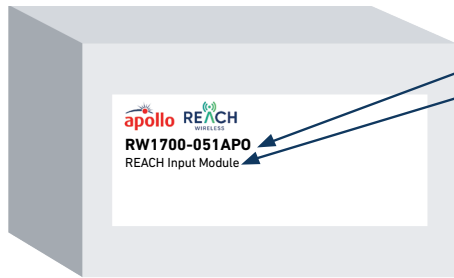
GREEN LED

The translator will power up and the translator will be ready for commissioning phase.

10



- Screw the lid to the backbox using the supplied plastic screws and refit top and bottom front plastics that cover screw housings.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Input Module
- 2 x CR123A batteries
- 4 x Securing screws
- 1 x Resistor pack
- 1 x Quick start guide

MOUNTING STEPS

The Input Module is designed to meet IP65 rating, suitable for external mounting. Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the input module you will find the unit and its lid.
- This comes with pre-formed mounting holes to drill out and mount the backbox.
- Securing screws are supplied for the lid.
- A resistor pack is supplied for the monitored connection (10KΩ_{EOL} and 5.6KΩ_{AL}).

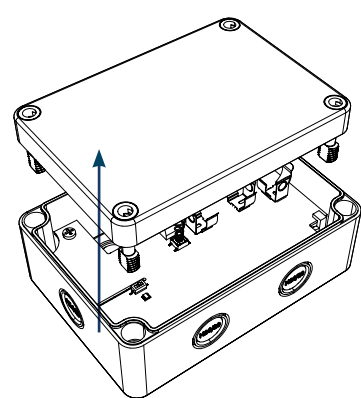
For more information, please refer to the user manual. Available on apollo-fire.co.uk

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for full user manual



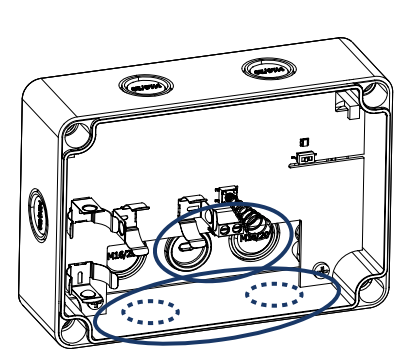
RW1700-051APO

1



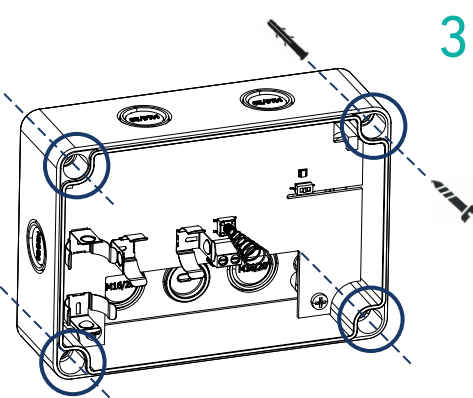
Remove the lid from the backbox, removing the screws on the corners.

2



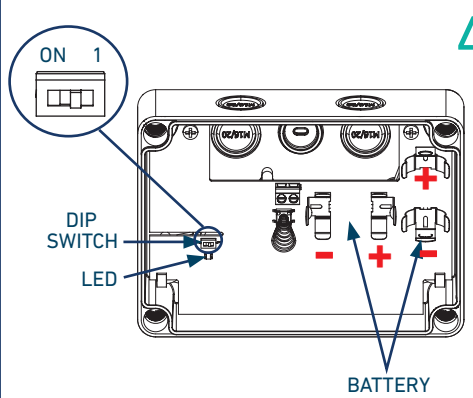
- Remove the appropriate knock-out on the underside or lower rear of the casing, install the M16/20 IP-rated gland.
- Note: pay attention to avoid damages to the PCB, while removing the knock-out, or remove it before starting.

3



- To retain IP-rating, please ensure you use the outer holes on the casing.
- Using a pencil, mark through the outer holes on the desired surface you will attach the unit to.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.
- Screw the backbox to the desired surface using all fixing holes and appropriate-sized roundhead screws (not countersunk).

4

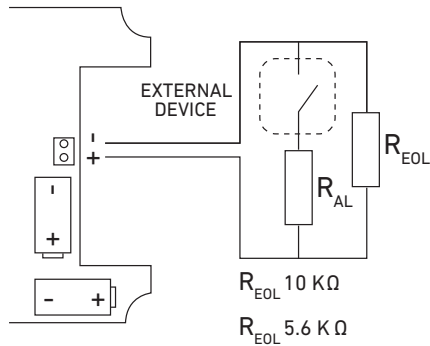


DIP SWITCH
LED
BATTERY COMPARTMENTS

- Ensure the switch on the PCB is in position ON.
- Fit the 2x CR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the PCB.
- The LED will signal 4 times red.
- Move the switch on the PCB to position 1. The LED will blink few seconds green and then signal alternatively green/red 4 times.

ELECTRICAL SCHEME FOR THE CONNECTION OF THE INPUT MODULE TO THE EXTERNAL DEVICE WHICH TRANSMITS THE INPUT SIGNAL TO THE MODULE

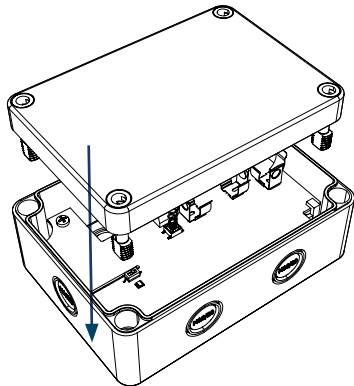
5



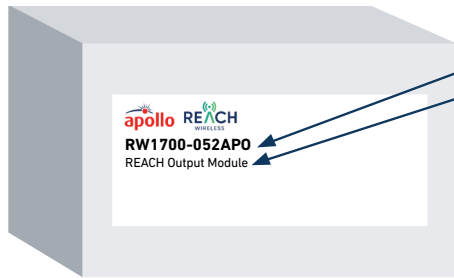
- The $10K\Omega R_{EOL}$ resistor monitors whether the cable has been damaged or the connection is no longer available.
- The $5.6K\Omega R_{AL}$ resistor comes in and out of circuit depending on the state of the 3rd party device (alarm resistor).
- If you fail to install these resistors correctly the device will not operate as intended.
- Ensure the 3rd party device offers a voltage free relay switch.

Note: install a properly fire-rated cable (according to national code of practice) between the third-party device and the input module.

6



- Refit the lid to the backbox, using the supplied screws.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Output Module
- 2 x CR123A batteries
- 4 x Securing screws
- 1 x Resistor pack
- 1 x Quick start guide

MOUNTING STEPS

The Output Module is designed to meet IP65 rating, suitable for external mounting. Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the output module you will find the unit and its lid.
- This comes with pre-formed mounting holes to drill out and mount the backbox.
- Securing screws are supplied for the lid.
- A resistor pack is supplied for the monitored load connection (10KΩ R_{EOL}).

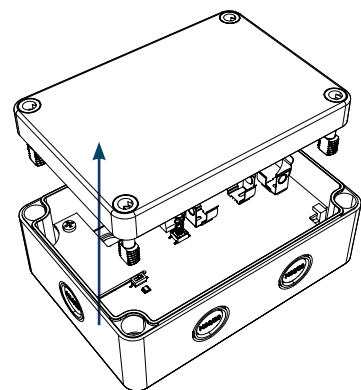
For more information, please refer to the user manual. Available on apollo-fire.co.uk

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for full user manual



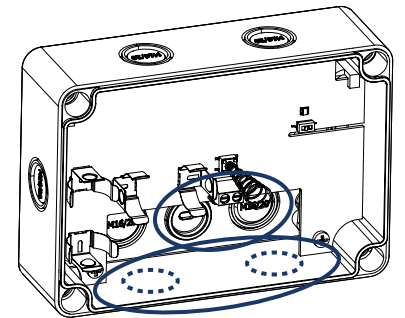
RW1700-052APO

1



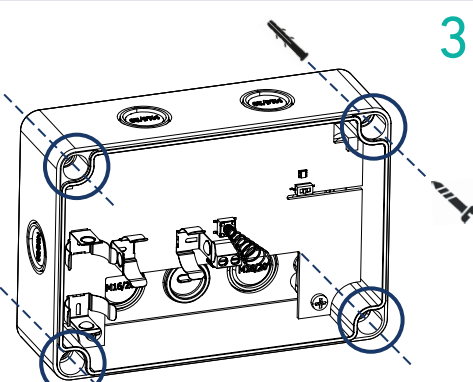
Remove the lid from the backbox, removing the screws on the corners.

2



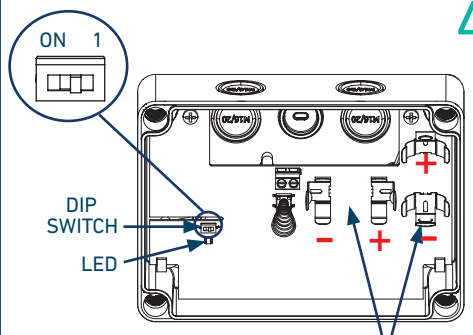
- Remove the appropriate knock-out on the underside or lower rear of the casing, install the M16/20 IP-rated gland.
- Note: pay attention to avoid damages to the PCB, while removing the knock-out, or remove it before starting.

3



- To retain IP-rating, please ensure you use the outer holes on the casing.
- Using a pencil, mark through the outer holes on the desired surface you will attach the unit to.
- Using a suitable-sized drill bit (6 mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.
- Screw the backbox to the desired surface using all fixing holes and appropriate-sized roundhead screws (not countersunk).

4

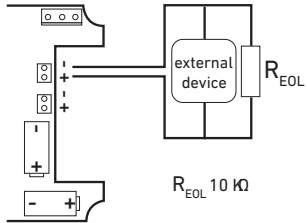


DIP SWITCH
LED
BATTERY COMPARTMENTS

- Ensure the switch on the PCB is in position ON.
- Fit the 2x CR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the PCB.
- The LED will signal 4 times red.
- Move the switch on the PCB to position 1. The LED will blink few seconds green and then signal alternatively green/red 4 times.

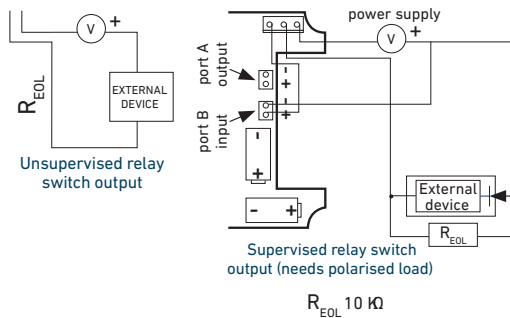
WIRING EXAMPLE FOR 100MA/12 VDC OR 50 MA/24 VDC EXTERNAL DEVICE DRIVING CAPABILITY

5



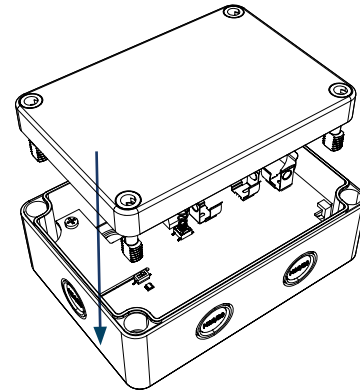
- The 10kΩ R_EOL resistor monitors whether the cable has been damaged or the connection is no longer available.
- If you fail to install these resistors correctly the device will not operate as intended.

WIRING EXAMPLE FOR THE RELAY SWITCH OUTPUT



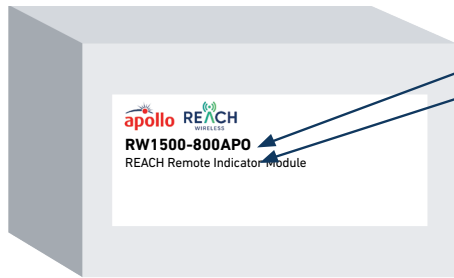
- Ensure the device connected to the unit is not drawing more than 2 A at 30V (no 220 VAC). Drawing too much current through the output relay or connecting mains voltage could possibly damage the unit and void warranty.

Note: install a properly fire-rated cable (according to national code of practice) between the third-party device and the output module.



6

- Refit the lid to the backbox, using the supplied screws.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Wireless Remote Indicator
- 2 x CR123A batteries
- 2 x Screws
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the Wireless Remote Indicator you will find the unit and its backbox.
- This comes with pre-formed mounting holes to ensure ease of drilling.
- 2 screws are supplied to fix the backbox to the wall.

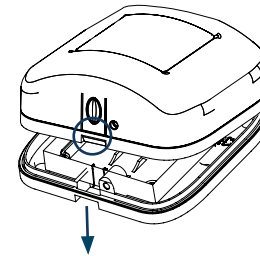
For more information, please refer to the user manual. Available on apollo-fire.co.uk

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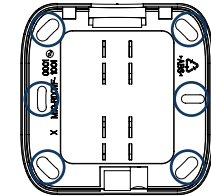
RW1500-800APO

1



Remove the Wireless Remote Indicator front from the backbox pressing the "unlock" button.

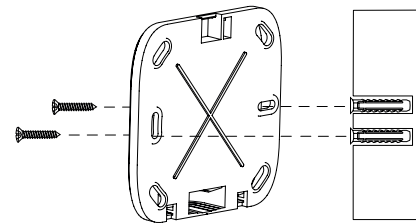
2



AVAILABLE MOUNTING HOLES

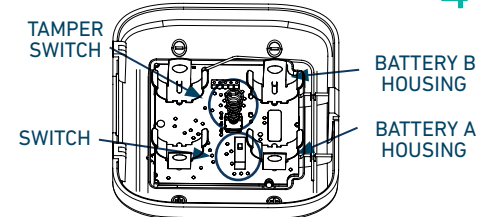
- Locate the mounting holes on the backbox and mark them using a pencil on the desired surface you are drilling.
- Using a suitable-sized drill bit (5.5mm) drill the marked screw points on your chosen surface.
- Ensure you use the correct fixings for the type of surface you are mounting to.

3



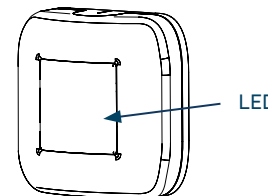
Screw the backbox to the wall using all fixing holes and the supplied screws.

4



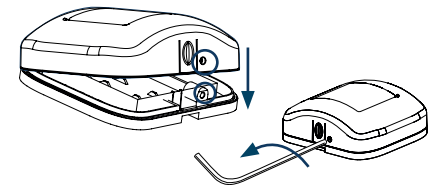
- Ensure the programming switch on the remote indicator is in position ON.
- Fit the 2x CR123A batteries ensuring you have checked they are the correct way round observing the polarity indications.

5



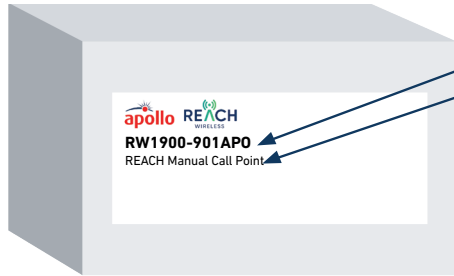
- Observe the status LED on the front of the remote indicator: it will signal 4 times red.
- Move the programming switch in the remote indicator to position 1.
- The status LED will blink few seconds green and then signal alternatively green/red 4 times.

6



- Refit the remote indicator to the backbox, hooking it up from the top and pushing it towards the backbox.
- Optional: use an allen key to provide mechanical tamper functionality.

QUICK START GUIDE



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Manual Call Point
- 2 x CR123A batteries
- 1 x Reset Key
- 2 x Screws
- 1 x Quick start guide



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

- When unboxing the MCP you will find the unit and its backbox.
- This comes with pre-formed mounting holes to ensure ease of drilling.
- 2 screws are supplied to fix the backbox to the wall.

Scan QR code
for full user manual

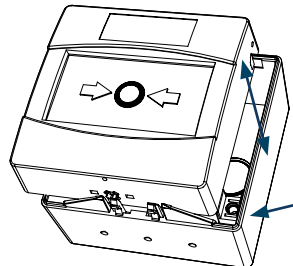
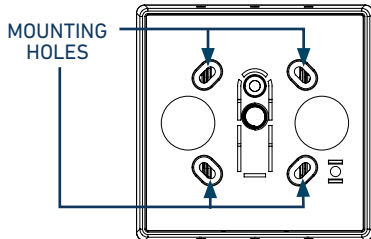
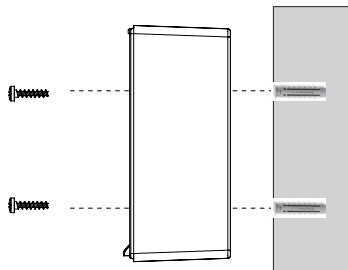
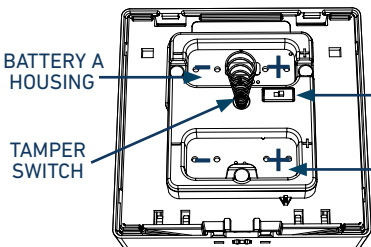
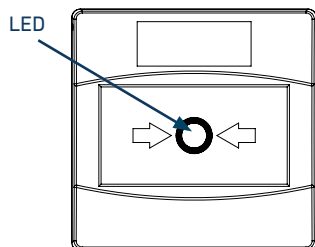
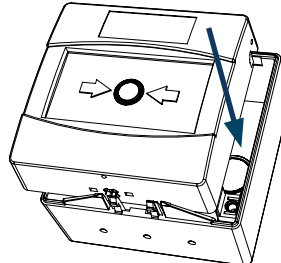


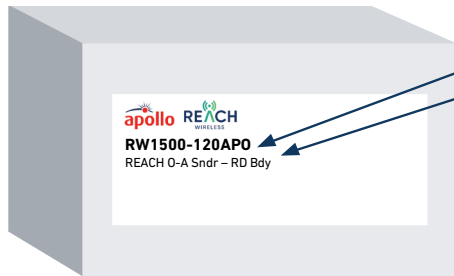
RW1900-901APO

For more information, please refer to the user manual. Available on apollo-fire.co.uk

MOUNTING STEPS

Proceed as follows to complete the device installation.

<p>1</p>  <p>BACKBOX</p> <p>Remove the MCP front from the backbox using key provided.</p>	<p>2</p>  <p>MOUNTING HOLES</p> <ul style="list-style-type: none"> • Locate the mounting holes on the backbox and mark them using a pencil on the desired surface you are drilling. • Using a suitable-sized drill bit (5.5mm) drill the marked screw points on your chosen surface. • Ensure you use the correct fixings for the type of surface you are mounting to.
<p>3</p>  <p>Screw the back box to the wall using all fixing holes and the supplied screws.</p>	<p>4</p>  <p>BATTERY A HOUSING</p> <p>TAMPER SWITCH</p> <p>SWITCH</p> <p>BATTERY B HOUSING</p> <ul style="list-style-type: none"> • Ensure the programming switch on the MCP is in position ON. • Fit the 2x CR123A batteries ensuring you have checked they are the correct way round observing the polarity indications.
<p>5</p>  <p>LED</p> <ul style="list-style-type: none"> • Observe the status LED on the front of the MCP: it will signal 4 times red. • Move the programming switch in the MCP to position 1. • The status LED will blink few seconds green and then signal alternatively green/red 4 times. 	<p>6</p>  <ul style="list-style-type: none"> • Refit the MCP to the backbox, hooking it up from the top and pushing it towards the backbox.



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Open-Area Sounder
- 2 x CR123A batteries
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

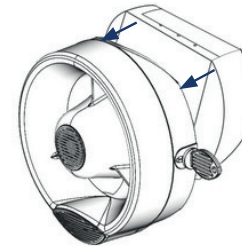
- When unboxing the sounder you will find the unit, its mounting base, a gasket and a security key.
- The device comes with pre-formed mounting mould to ensure ease of drilling.
- Security key prongs are fitted to protect against unwanted removal of the attached device.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

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for full user manual

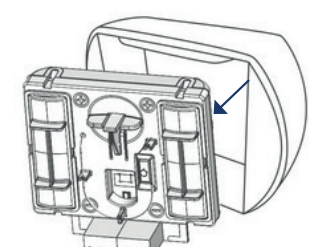


RW1500-120APO



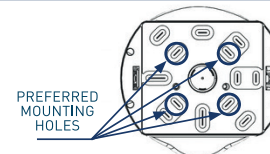
1

Remove the mounting from the sounder by pulling apart the two pieces.



2

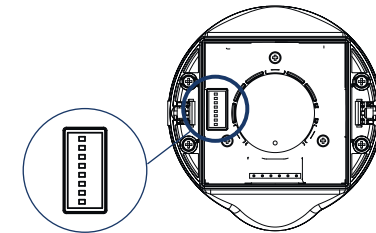
Remove the sounder interface module from the base.



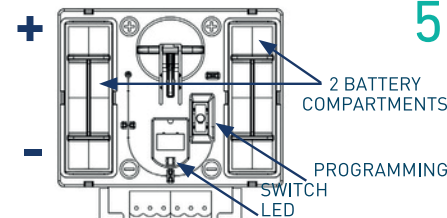
3

- Using a screwdriver, break out the pre-cuts of the base following your preferred directions for the wireless configuration.
- Using a pencil, mark the holes on the desired surface you are drilling.
- Use an appropriately sized drill bit (6 mm) to drill the marked screw locations on the chosen surface.
- Be sure to use the correct fasteners for the type of surface you are mounting to.
- Screw the base to the wall using all the fixing holes and countersunk head screws of suitable size.
- Use the FOAM gasket to ensure IPX5 seal.
- Insert the sounder interface module into the base locating the bottom tags and pushing back in.

4



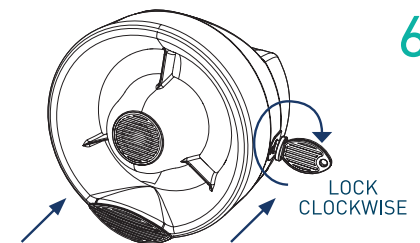
Use the DIP switch on the back of the sounder body to select tone and volume required [see next page].



5

- Remove the battery compartment covers on the sounder interface module.
- Ensure the switch in the base of the module is in position ON.
- Fit the 2xCR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the base of the detector.
- The LED's will signal once green then 4 times red.
- Move the switch to position 1.

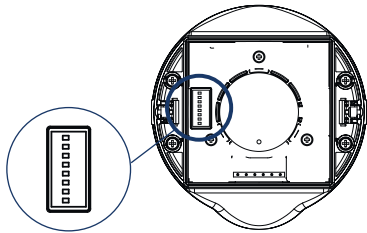
6



- Ensure you replace the battery cover as this forms part of the sounder anti-tamper protection.
- Refit the sounder unit by pushing it back onto the base, push the key all the way in, turn both security fixings back to the locked position on both sides.

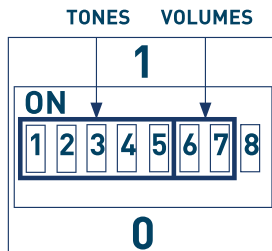
TONE AND VOLUME SELECTION


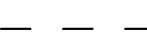





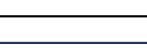
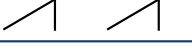

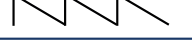
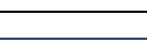

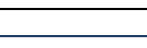
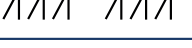


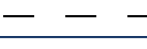




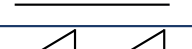
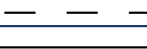
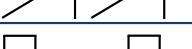

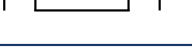





Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.



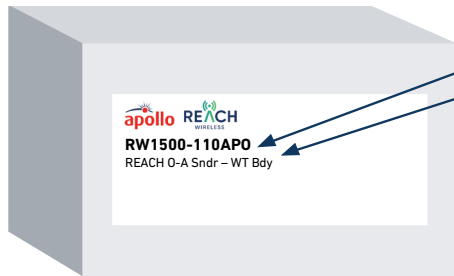
DIP SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	TONE SELECTION	CHECK TONE SET TABLES
2		
3		
4		
5		
6	VOLUME SELECTION	CHECK VOLUME TABLE
7		
8	NOT USED	

VOLUME	DIP CONFIGURATION
HIGH	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00



Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullen)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullen)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands – NEN 2575:2000 (Dutch Slow Whoop)	500 – 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz – 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz – 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz – 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms.		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz – 1200Hz 4s followed by 1200 – 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France – AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume



THE BOX

- Product Part Number
- Product Description

INSIDE THE BOX

- 1 x Open-Area Sounder
- 2 x CR123A batteries
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

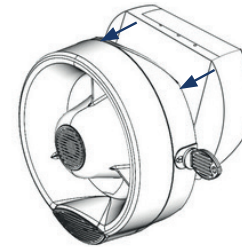
- When unboxing the sounder you will find the unit, its mounting base, a gasket and a security key.
- The device comes with pre-formed mounting mould to ensure ease of drilling.
- Security key prongs are fitted to protect against unwanted removal of the attached device.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

Scan QR code
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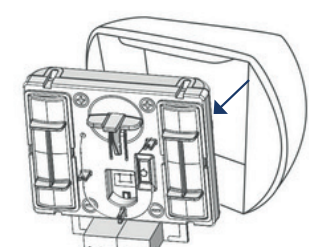


RW1500-110APO



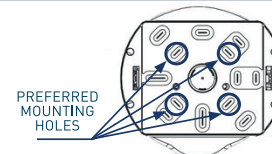
1

Remove the mounting from the sounder by pulling apart the two pieces.



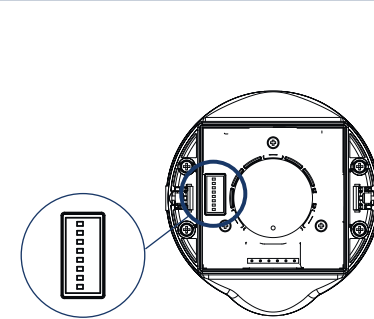
2

Remove the sounder interface module from the base.



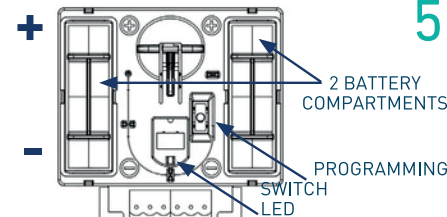
3

- Using a screwdriver, break out the pre-cuts of the base following your preferred directions for the wireless configuration.
- Using a pencil, mark the holes on the desired surface you are drilling.
- Use an appropriately sized drill bit (6 mm) to drill the marked screw locations on the chosen surface.
- Be sure to use the correct fasteners for the type of surface you are mounting to.
- Screw the base to the wall using all the fixing holes and countersunk head screws of suitable size.
- Use the FOAM gasket to ensure IPX5 seal.
- Insert the sounder interface module into the base locating the bottom tags and pushing back in.



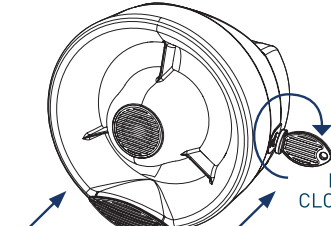
4

Use the DIP switch on the back of the sounder body to select tone and volume required [see next page].



5

- Remove the battery compartment covers on the sounder interface module.
- Ensure the switch in the base of the module is in position ON.
- Fit the 2xCR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the base of the detector.
- The LED's will signal once green then 4 times red.
- Move the switch to position 1.

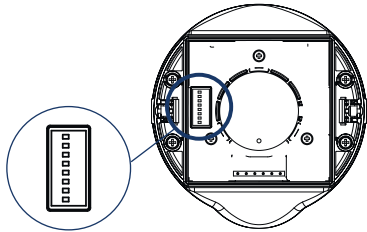


6

- Ensure you replace the battery cover as this forms part of the sounder anti-tamper protection.
- Refit the sounder unit by pushing it back onto the base, push the key all the way in, turn both security fixings back to the locked position on both sides.

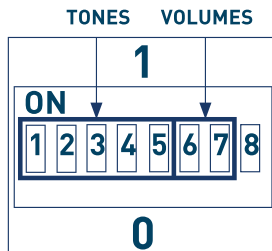
TONE AND VOLUME SELECTION


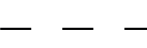





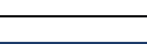
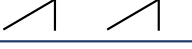

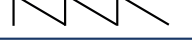
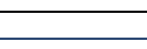

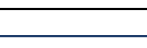
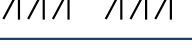


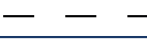




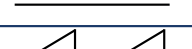
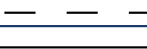
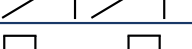

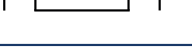





Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.



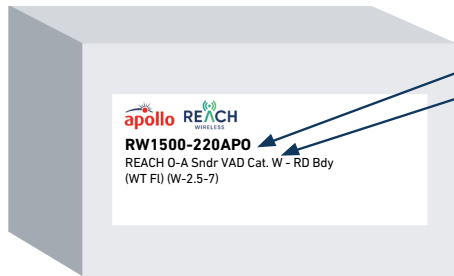
DIP SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	TONE SELECTION	CHECK TONE SET TABLES
2		
3		
4		
5		
6	VOLUME SELECTION	CHECK VOLUME TABLE
7		
8	NOT USED	

VOLUME	DIP CONFIGURATION
HIGH	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00



Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullen)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullen)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands – NEN 2575:2000 (Dutch Slow Whoop)	500 – 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz – 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz – 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz – 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms.		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz – 1200Hz 4s followed by 1200 – 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France – AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Open-Area Sounder
- 2 x CR123A batteries
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

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- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

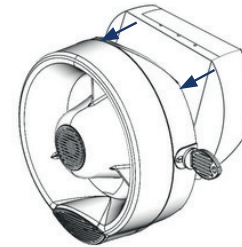
- When unboxing the sounder you will find the unit, its mounting base, a gasket and a security key.
- The device comes with pre formed mounting mould to ensure ease of drilling.
- Security key prongs are fitted to protect against unwanted removal of the attached device.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

Scan QR code
for full user manual

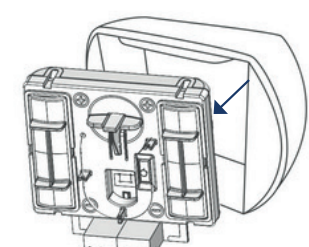


RW1500-220APO



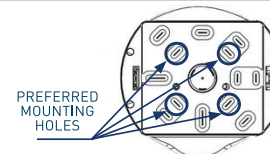
1

Remove the mounting from the sounder by pulling apart the two pieces.



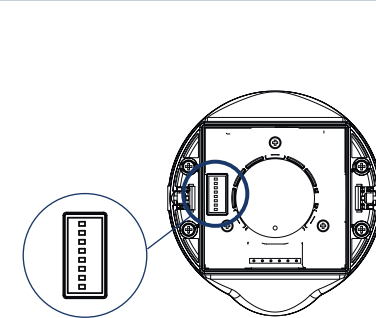
2

Remove the sounder interface module from the base.



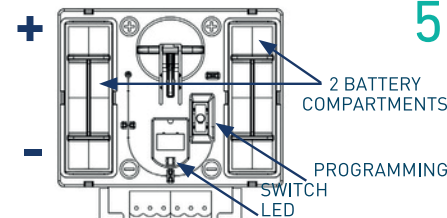
3

- Using a screwdriver, break out the pre-cuts of the base following your preferred directions for the wireless configuration.
- Using a pencil, mark the holes on the desired surface you are drilling.
- Use an appropriately sized drill bit (6 mm) to drill the marked screw locations on the chosen surface.
- Be sure to use the correct fasteners for the type of surface you are mounting to.
- Screw the base to the wall using all the fixing holes and countersunk head screws of suitable size.
- Use the FOAM gasket to ensure IPX5 seal.
- Insert the sounder interface module into the base locating the bottom tags and pushing back in.



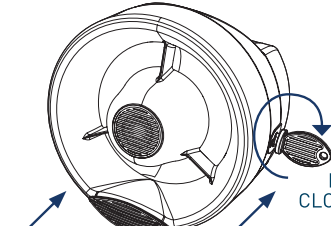
4

Use the DIP switch on the back of the sounder body to select tone and volume required [see next page].



5

- Remove the battery compartment covers on the sounder interface module.
- Ensure the switch in the base of the module is in position ON.
- Fit the 2xCR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the base of the detector.
- The LED's will signal once green then 4 times red.
- Move the switch to position 1.

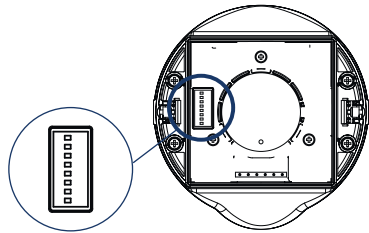


6

- Ensure you replace the battery cover as this forms part of the sounder anti-tamper protection.
- Refit the sounder unit by pushing it back onto the base, push the key all the way in, turn both security fixings back to the locked position on both sides.

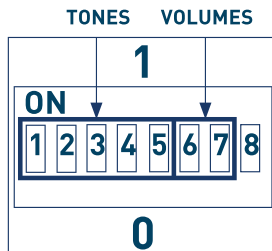
TONE AND VOLUME SELECTION


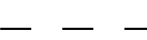

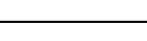
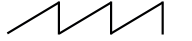
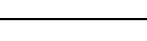
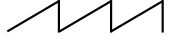
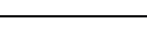


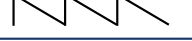

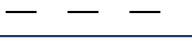



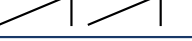









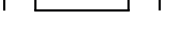



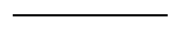
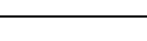
Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.



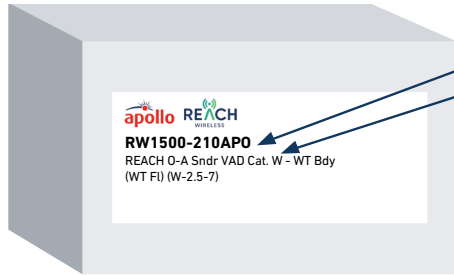
DIP SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	TONE SELECTION	CHECK TONE SET TABLES
2		
3		
4		
5		
6	VOLUME SELECTION	CHECK VOLUME TABLE
7		
8	NOT USED	

VOLUME	DIP CONFIGURATION
HIGH	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00



Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullen)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullen)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands - NEN 2575:2000 (Dutch Slow Whoop)	500 - 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz - 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz - 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz - 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms.		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz - 1200Hz 4s followed by 1200 - 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France - AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume



THE BOX

Product Part Number
Product Description

INSIDE THE BOX

- 1 x Open-Area Sounder
- 2 x CR123A batteries
- 1 x Quick start guide

MOUNTING STEPS

Proceed as follows to complete the device installation.



IMPORTANT TO CONSIDER

When mounting a wireless device, a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:

- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.



EN54 approved environmental temperature range is -10°C to +55°C

UNBOXING

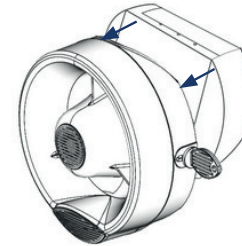
- When unboxing the sounder you will find the unit, its mounting base, a gasket and a security key.
- The device comes with pre-formed mounting mould to ensure ease of drilling.
- Security key prongs are fitted to protect against unwanted removal of the attached device.
- DIP switches are found inside the sounder to select your desired tone and volume.

For more information, please refer to the user manual. Available on apollo-fire.co.uk

Scan QR code
for full user manual

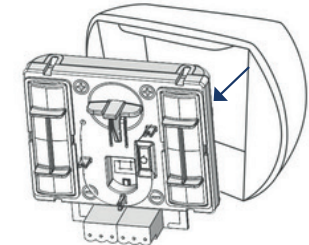


RW1500-210APO



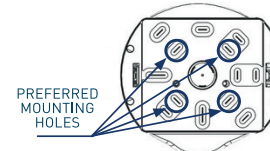
1

Remove the mounting from the sounder by pulling apart the two pieces.



2

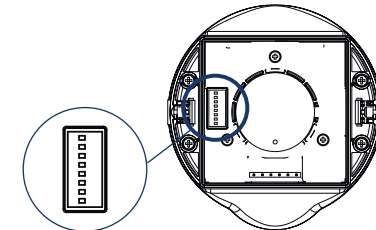
Remove the sounder interface module from the base.



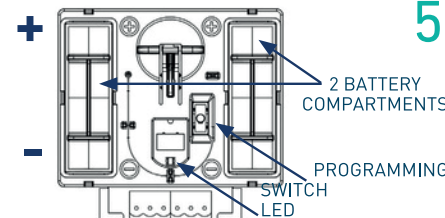
3

- Using a screwdriver, break out the pre-cuts of the base following your preferred directions for the wireless configuration.
- Using a pencil, mark the holes on the desired surface you are drilling.
- Use an appropriately sized drill bit (6 mm) to drill the marked screw locations on the chosen surface.
- Be sure to use the correct fasteners for the type of surface you are mounting to.
- Screw the base to the wall using all the fixing holes and countersunk head screws of suitable size.
- Use the FOAM gasket to ensure IPX5 seal.
- Insert the sounder interface module into the base locating the bottom tags and pushing back in.

4



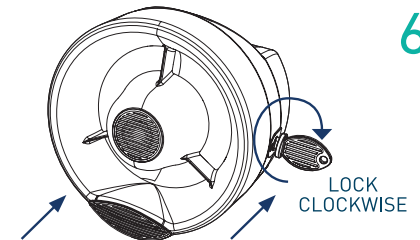
Use the DIP switch on the back of the sounder body to select tone and volume required [see next page].



5

- Remove the battery compartment covers on the sounder interface module.
- Ensure the switch in the base of the module is in position ON.
- Fit the 2xCR123A batteries ensuring you have checked they are the correct way round observing the polarity indications on the base of the detector.
- The LED's will signal once green then 4 times red.
- Move the switch to position 1.

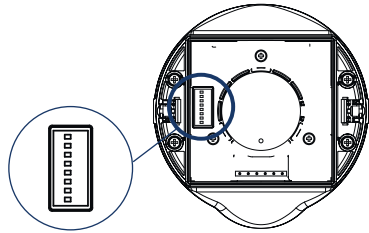
6



- Ensure you replace the battery cover as this forms part of the sounder anti-tamper protection.
- Refit the sounder unit by pushing it back onto the base, push the key all the way in, turn both security fixings back to the locked position on both sides.

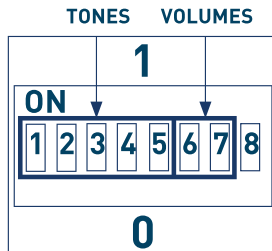
TONE AND VOLUME SELECTION


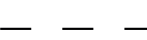

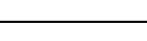
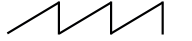
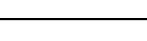
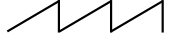
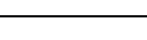


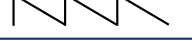

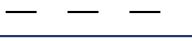



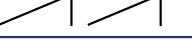









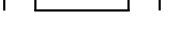



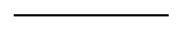
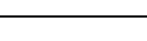
Use the DIP switch on the back of the sounder body to select tone and volume. Primary and secondary tone are selected according to panel setting.



DIP SWITCH NUMBER	DIP SWITCH GROUP FUNCTION	NOTES
1	TONE SELECTION	CHECK TONE SET TABLES
2		
3		
4		
5		
6	VOLUME SELECTION	CHECK VOLUME TABLE
7		
8	NOT USED	

VOLUME	DIP CONFIGURATION
HIGH	11
MEDIUM HIGH	01
MEDIUM LOW	10
LOW	00



Apollo Tone Pair Number	DIP Switch Value	Primary Tone (Evacuation)			Secondary Tone (Alert)		
		Temporal Pattern Icon	Temporal Pattern Description	Frequencies	Temporal Pattern Icon	Temporal Pattern Description	Frequencies
1*	0000		Apollo Fire Systems Evacuate Tone	660Hz for 0.5s, 925Hz for 0.5s		Apollo Fire Systems Alert Tone	1s off, 925Hz for 1s
2*	00001		Alternating warble (Hochiki & Fullen)	925Hz for 0.25s, 626Hz for 0.25s		Continuous (Hochiki & Fullen)	925Hz
3*	00010		Sweep (med) @ 1Hz	800Hz - 970Hz @ 1Hz		Continuous	970Hz Continuous (BS5839-1:2002)
4*	00011		Sweep (fast) @ 9Hz	2500Hz-2850Hz @ 9Hz		Continuous	2850Hz continuous
5*	00100		Netherlands - NEN 2575:2000 (Dutch Slow Whoop)	500 - 1200Hz for 3.5s, 0.5s OFF		Continuous	825Hz continuous
6*	00101		German DIN 33 404	1200Hz - 500Hz Sweep 1s (1Hz)		Continuous	825Hz Continuous
7*	00110		Swedish Fire Signal	660Hz 0.15s ON, 0.15s OFF		Swedish All Clear	660Hz Continuous
8	00111		Australia Fast-rise Sweep (AS1670:4-2004 Evacuation tone)	3x (500Hz - 1200Hz for 0.5s, 0.5s off), 1s off		Australia AS1670:4-2004 Alert tone	420Hz 0.625s ON, 0.625s OFF
9	01000		New Zealand Slow-rise Sweep Evacuation Tone (NZS 4512)	500Hz - 1200Hz, 3.75s Sweep, 0.25s OFF		New Zealand Alert Tone (NZS 4512)	420Hz 0.625s ON, 0.625s OFF
10	01001		US Temporal LF (ISO 8201) Low tone	3x(970Hz 0.5s ON, 0.5s OFF), 1s OFF		Continuous	970Hz Continuous
11	01010		US Temporal HF ISO 8201 High tone	3x(2850Hz 0.5s ON, 0.5s OFF), 1s off		Continuous	2850Hz continuous
12	01011		Simulated Bell - Continuous	827Hz for 16ms followed by 990Hz for 16ms.		Simulated Bell - Intermittent	827Hz for 16ms followed by 990Hz for 16ms for 1s then 1s off.
13	01100		Emergency Warning Siren	600Hz - 1200Hz 4s followed by 1200 - 600Hz 4s		Emergency Warning Siren All Clear	1200Hz Continuous
14	01101		France - AFNOR NF S 32 001	554Hz, 0.1s, 440Hz, 0.4s		Continuous	970Hz Continuous
15	01110		Australia Evacuation (AS7240-3)	520Hz, 0.5s ON, 0.5s OFF x 3, 1s OFF		Australia Alert (AS7240-3)	520Hz +/-5%, 0.5s ON, 3.5s OFF
16	10000		Silent Tone (Reach Wireless ONLY)	0Hz Continuous		Silent Tone (Reach Wireless ONLY)	0Hz Continuous

*EN 54-3 approved volume