

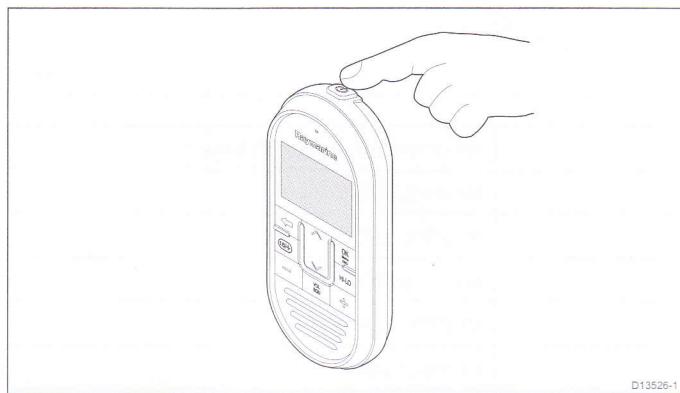
Raymic 60/70 Handset installation instructions

Powering on the handset

The Raymic 60/70 handset accessory can be connected to the Ray60 and Ray70 radios.

The Handset must be switched on using the Handset's **Power** button.

With the Handset connected to the Base station:



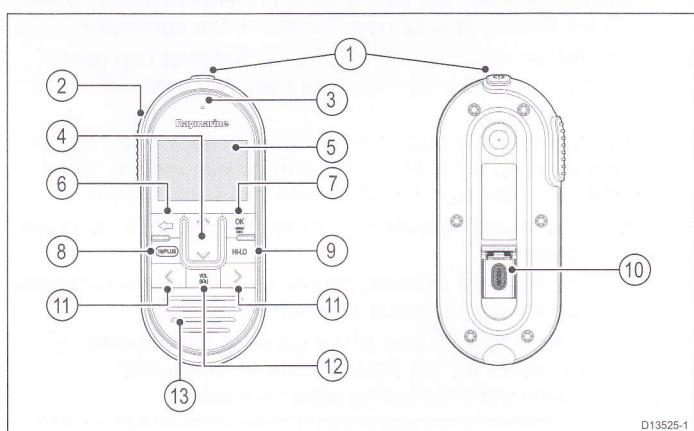
1. Press the **Power** button.

The Handset will switch on.

2. To switch the Handset off, press and hold the **Power** button for approximately 3 seconds.

Ray60 / Ray70 handset controls

The optional handset for the Ray60 and Ray70 VHF radios includes the following controls:



1. **Power** — Press to power the handset on. Press and hold for 3 seconds to power the handset off. Momentary press to access the shortcut list.
2. **PTT (Push to Talk)** — Press and hold to send a voice message. Release to return to receive mode.

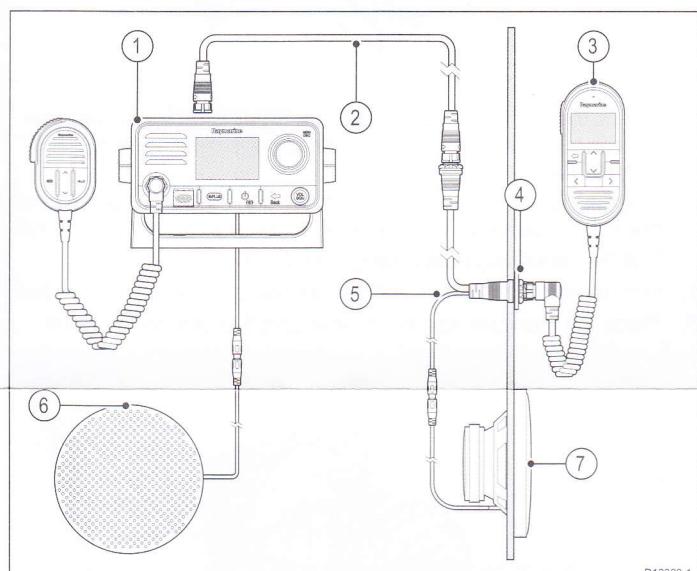
Note: The maximum transmit time is limited to 5 minutes to prevent un-intentional transmissions from occupying the VHF channel.

3. **Microphone location**
4. **Volume Up and Down** — Press to adjust volume or squelch up and down.
5. **LCD**
6. **Back** — Move back through menu options.

7. **OK / menu button** — Press button to access menu / DSC functions and to confirm selections.
8. **16 / PLUS** — When powered on press to switch between priority channels.
9. **HIGH / LOW** — Press to switch between High (25 W) and low (1 W) transmit power.
10. **DISTRESS** — Lift up the spring loaded cover and press this button to make a DSC distress call.
11. **Channel Up and Down** — Changes the channel up or down.
12. **VOL/SQ** — Press button to switch between volume and squelch control.
13. **Built-in speaker**

Second handset station — Ray60 / Ray70

The Raymic handset accessory can be connected to the second station connector located on the rear of the radio, this will create a second fully functional station.



1. Primary station.
2. Raymic handset extension cable (A80290, A80291 or A80292)
3. Raymic handset second station (A80289)
4. Panel mount fixings kit (R70438)
5. Raymic handset adaptor cable with RCA audio (A80297)
6. Primary station passive speaker
7. Second station passive speaker

Note: As the Fistic mic does not include a display it cannot be used to create a second functional station.

Alarm behavior for second station passive speakers

The A80297 adaptor cable can be used on the Ray60 and Ray70 Radios to connect an additional passive speaker to the second station. A passive speaker connected to the second station will only receive voice audio. Alarms will NOT be heard from the passive speaker when it is connected to the second station.

Handset extension cables

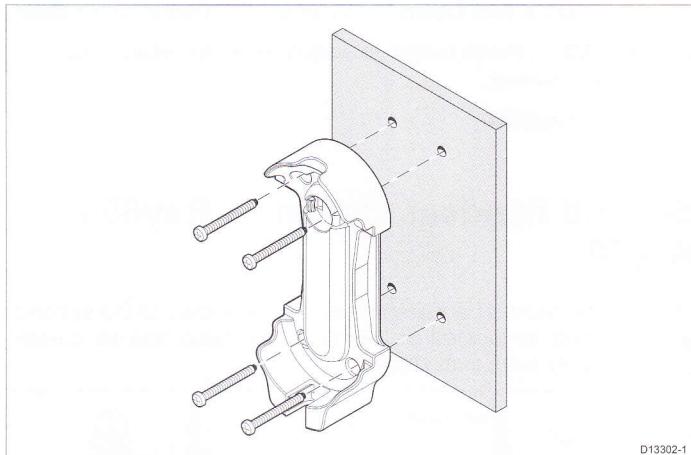
Handset station cabling can be extended using approved extension cables.

The maximum length of cable from the Handset to the Base station should not exceed 50 m (164 ft)

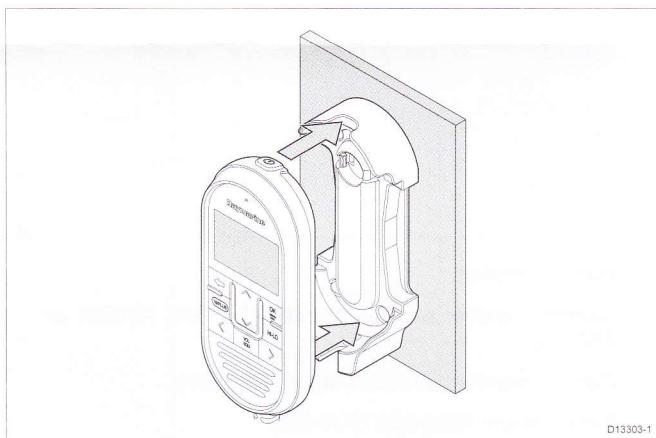
Ray60 / Ray70 Raymic handset cradle mounting

Before mounting the unit, ensure that you have:

- Selected a suitable location, ensuring there is nothing behind the mounting surface that may be damaged when drilling.
- Identified the cable connections and route that the cables will take.

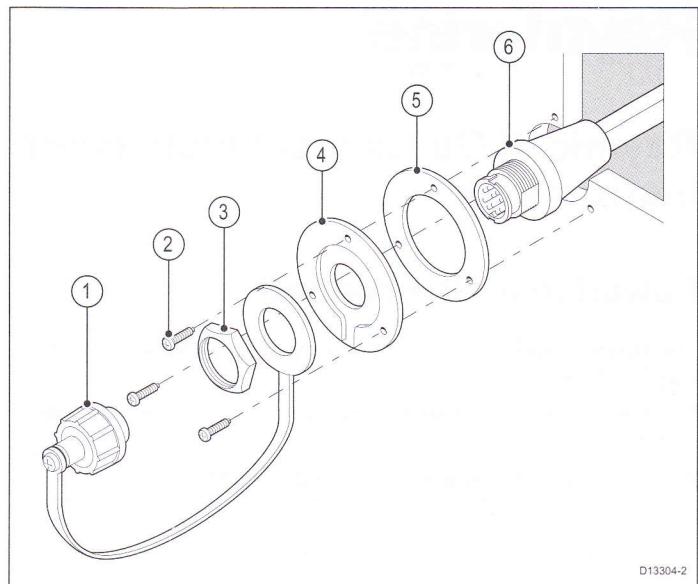


1. Check the selected location for the mounting clip, a clear flat area is required, with sufficient space around it to place and remove the Handset.
2. Using a pencil, offer up the cradle to the desired location and mark the location of the screw holes on the mounting surface.
3. Drill the mounting holes using a suitable size drill bit.
4. Hold the cradle in place and secure using the screws provided.
5. Place the Handset into the cradle until it clicks into position.



Pass-through panel kit mounting

When installing the Fistmic or the optional Raymic handset, the pass-through panel kit should be used to secure the cable to any panels the cable has to pass through.



1	Splash-proof dust cap with lanyard
2	Mounting plate fixings x 3
3	Mounting plate nut
4	Mounting plate
5	Mounting plate gasket
6	Extension cable

1. Check the selected location for the Mounting plate, a clear flat area is required.
2. Using a pencil, offer up the Mounting plate to the desired location and mark the location of the screw holes and the center hole on the mounting panel.
3. Drill the mounting holes using a suitable size drill bit.
4. Drill the center hole using a 25 mm (1 in.) hole cutting saw.
5. Pull the connector end of the cable through the hole in the mounting surface.
6. Place the Mounting plate gasket over the end of the connector.
7. With the recessed side facing away from the mounting panel, place the Mounting plate over the end of the connector.
8. Place the lanyard end of the Splash-proof dust cap over the connector, ensuring the lanyard sits in the recess in the Mounting plate.
9. Place the Mounting plate nut over the connector and tighten clockwise using a 13/16 in. (21 mm) socket wrench, being careful not to damage the plastic nut by overtightening.
10. Secure the Mounting plate to the mounting surface using the supplied screws.
11. Attach the Handset / Fistmic connector to the cable connector and rotate the locking collar clockwise to secure.
12. Connect the opposite end of the cable to the required connector either on the Base station or to another pass-through panel mounting plate connector.

Note: Drill bit, tap size and tightening torque is dependent on the thickness and type of material the unit is to be mounted on.