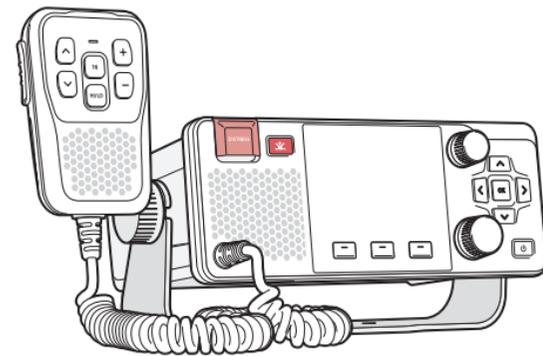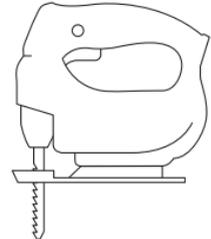# em-trak

X100
QUICK START GUIDE

⚠ **Scan the QR code for full instructions on how to install and operate the X100.**
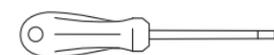

Tools required
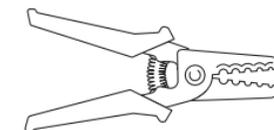
Drill with 4mm drill bit

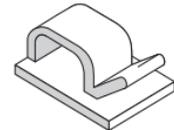Jigsaw (optional)

PZ2 Screwdriver
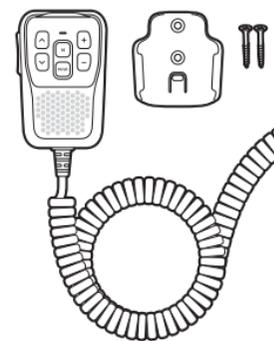
Allen key set

Wire strippers
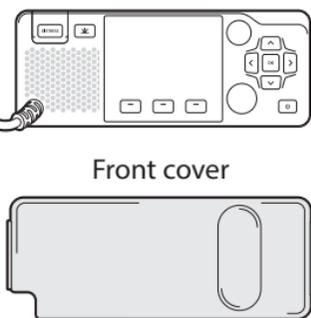
Adhesive cable clips

What's in the box

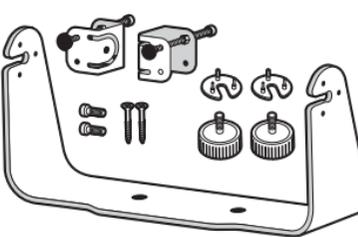Fist-mic, bracket and fixings

X100 unit
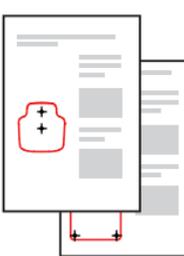
Front cover

Panel mounting o-ring

Wi-Fi and Bluetooth Antenna
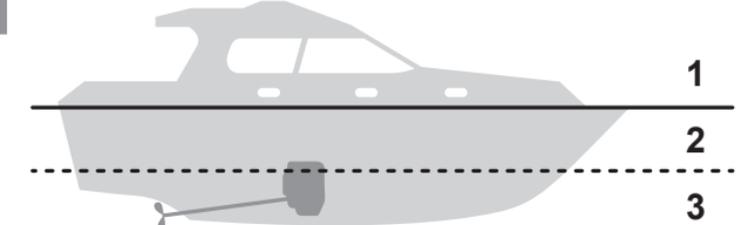
Mounting bracket and fasteners

Fist-mic bracket and panel mount template

Installation location
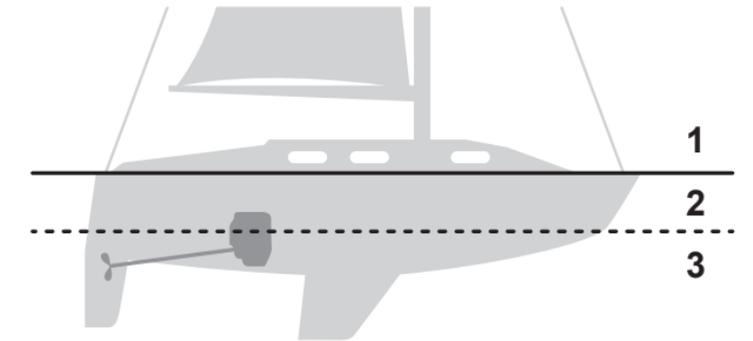### GPS Antenna considerations

1

Depending on the intended location of the X100, a separate GPS antenna may be recommended or required

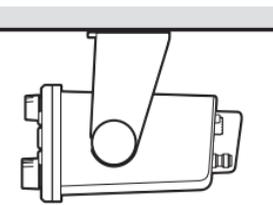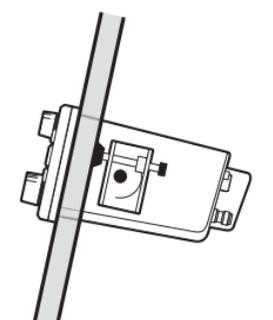|	
1	Optimal position (above decks)
2	External GPS antenna recommended
3	External GPS antenna required

Mounting options

2

Ceiling

Panel

Console
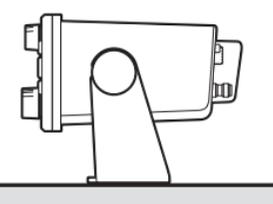
Mounting method

3
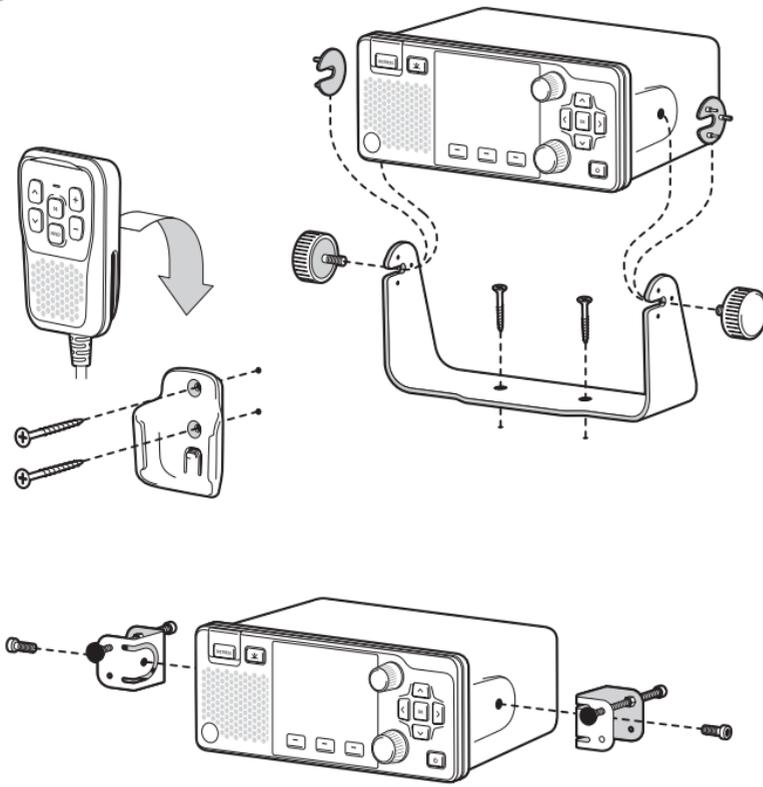
Rear connections

4
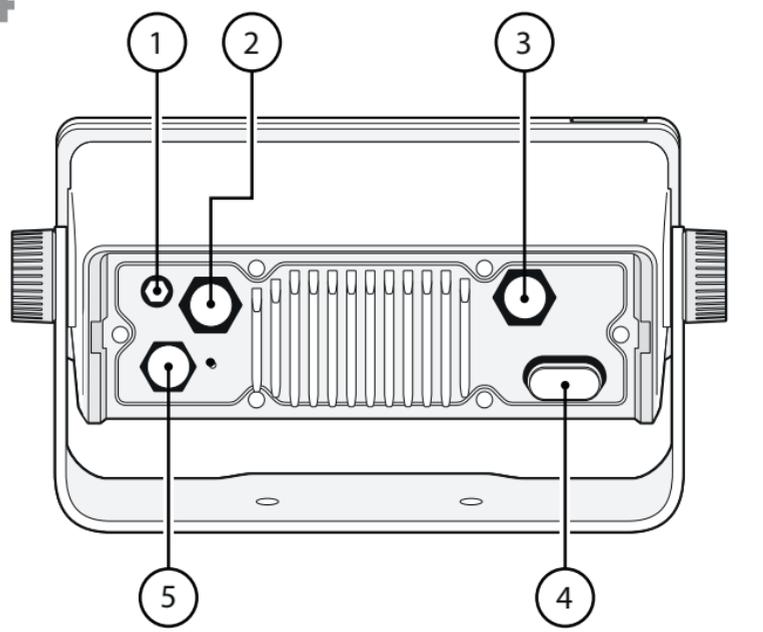
|			
1	Wi-Fi and Bluetooth antenna	4	12v-24v power, NMEA0183 data and external speaker cable
2	VHF antenna	5	GNSS antenna
3	NMEA 2000		

Connecting the X100

5 Connect the power to the X100
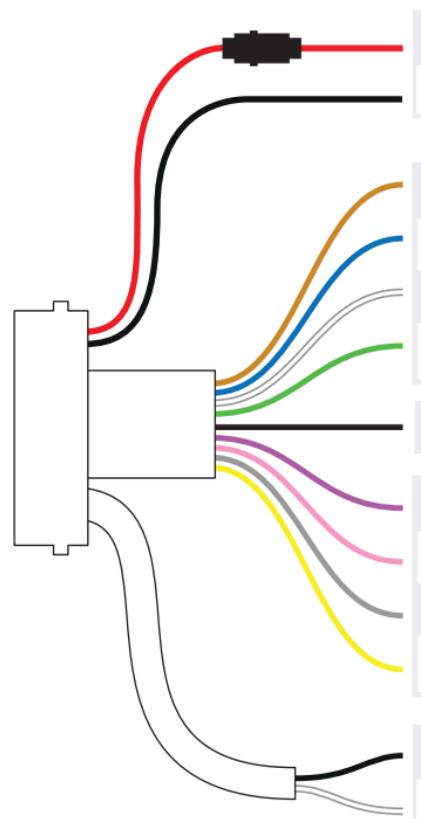
- Red - power connection +
- Black - power connection -

- Brown - NMEA Port 1 Receive +
- Blue - NMEA Port 1 Receive -
- White - NMEA Port 1 Transmit +
- Green - NMEA Port 1 Transmit -

- Black - Ground

- Purple - NMEA Port 2 Receive +
- Pink - NMEA Port 2 Receive -
- Grey - NMEA Port 2 Transmit +
- Yellow - NMEA Port 2 Transmit -

- Black - speaker connection +
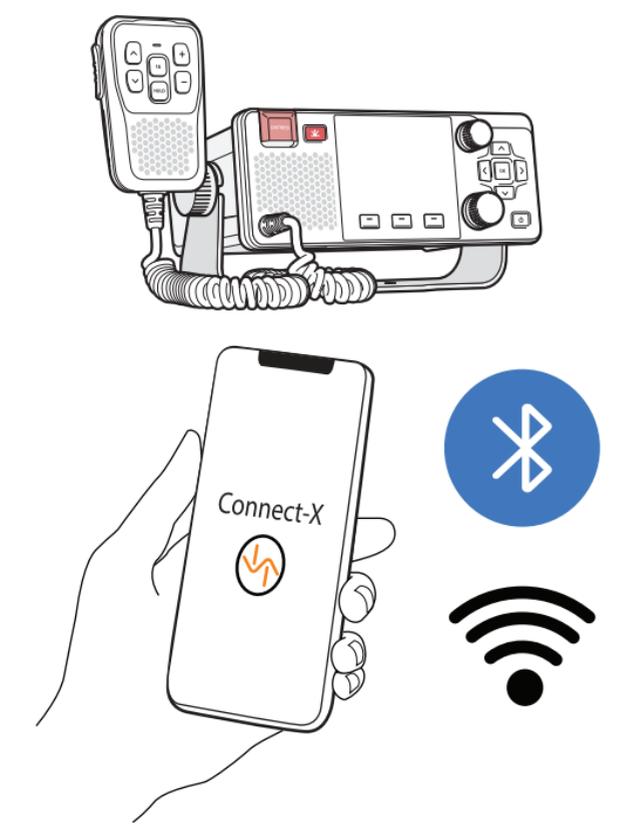- White - speaker connection -

Controls

6
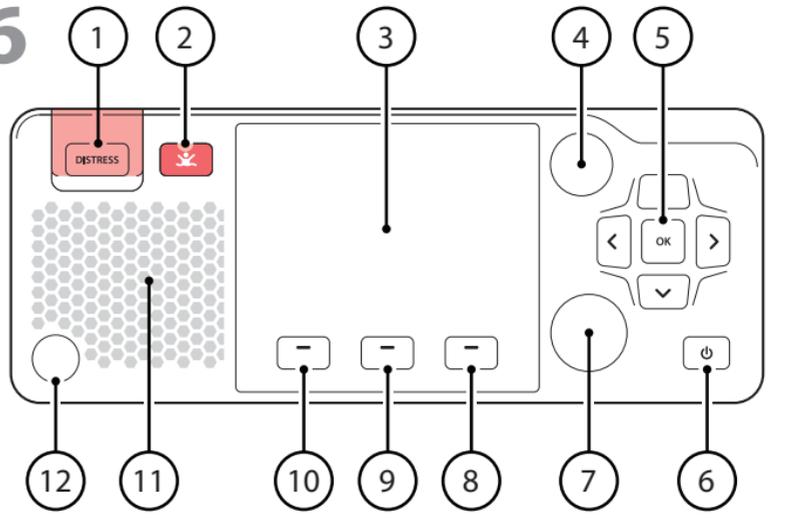
1	Distress button (under cover)	7	Channel rotary
2	MOB button	8	Softkey 3
3	Screen	9	Softkey 2
4	Volume and squelch rotary	10	Softkey 1
5	Arrow keys and OK button	11	Speaker
6	Power button/brightness	12	Fist-mic cable

Set-up

7 Power on the X100 to get started configuring your system using your phone.