QT424/10

TEN WAY CHARGING UNIT FOR QT412 RANGE TRANSMITTERS

OVERVIEW

The QT424/10 ten-way charging unit can simultaneously charge up to ten QT412 Range dual action infrared/radio transmitters. Designed to be powered from a 230V a.c. mains source using the standard IEC lead supplied, the unit can be wall or desk mounted to suit the transmitter storage and charging requirements of a particular site (see overleaf for typical mounting arrangement details).

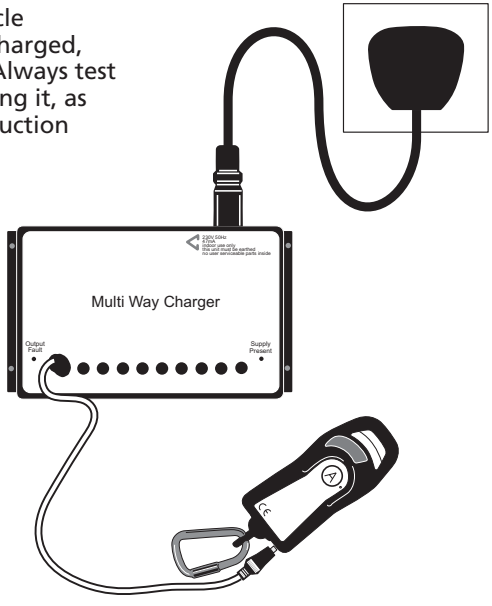
OPERATION

With reference to the diagram below, connect the IEC lead provided to the charger and a standard 13A mains socket. The charger's Supply Present LED will illuminate green. Next, connect the ten 1.3mm charging leads (supplied) to the charger's ten output channels and the 1.3mm charging sockets of any QT412 transmitters that require recharging.

Whilst recharging, the transmitter's two LEDs will illuminate red. A full charging cycle typically takes 14 hours. When fully charged, the transmitter's LEDs will flash red. Always test each recharged transmitter before using it, as detailed in the transmitter's own instruction booklet.

Note that fully recharged transmitters can be left connected to the charger with no detrimental effect.

It is recommended that systems are put in place to ensure all of the site's transmitters are regularly recharged, ideally at the end of each shift.



OUTPUT FAULTS

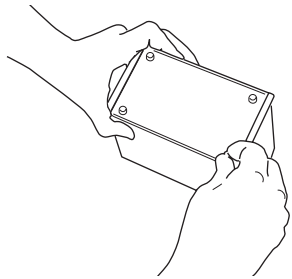
If the charger's yellow output fault LED illuminates there is a problem with one or more of the charger's output channels and it will cease to charge the affected transmitter(s). To clear the fault(s) remove all of the charging leads from the charger for at least 20 seconds and reconnect the leads one by one until the problematic transmitter is found. If the fault persists, please contact your distributor for advice.

MOUNTING THE CHARGER

Depending on the transmitter storage/charging requirements of the site, the QT424/10 can be wall-mounted or left free-standing on a shelf, tabletop or desk.

Free-standing operation

To use the charger free-standing, fix the four self-adhesive rubber feet (provided in the charger's accessory pack) to the underside of the unit as shown right. Note that the adhesive can take some time to set and therefore the charger should be handled with care until it is located in its final position.

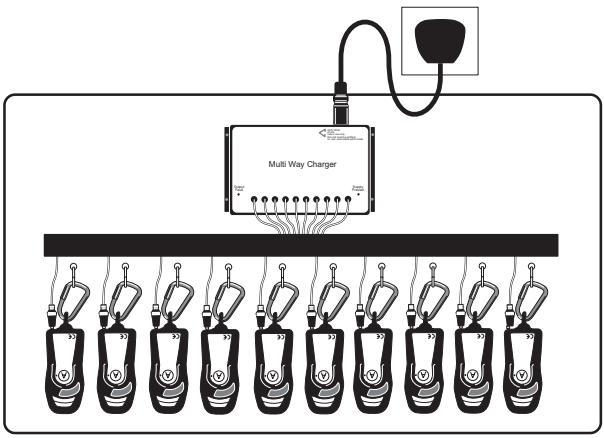


Wall-mounting the charger

Using the four mounting holes provided, fix the charger securely to the chosen wall, desk or counterside as appropriate. Always assess the condition and construction of the mounting surface prior to installation and use an appropriate screw fixing.

Typical mounting arrangements

For sites using multiple transmitters, you may wish to incorporate the charger onto a custom-made mounting board, similar to the example shown below. Such boards can be easily constructed using fixings available from your local DIY store.



Always liaise with the relevant site manager before designing the charger/transmitter mounting system in case he or she has any special requirements (such as locking cabinets, etc).

QT424/10 TECHNICAL SPECIFICATION

For indoor use only. THIS CHARGER MUST BE EARTHED.

Input voltage ..... 230V a.c.
Output voltage ..... 6.5V a.c.
Charge current per transmitter ..... 110mA a.c.
Output fusing ..... Self-resetting fuses
Dimensions (WxHxD) ..... 155mm (incl. mounting wings) x 95mm x 63mm
Weight 1.29Kg