



Product data sheet

11/06/2021

CT 990-EB ExtraBattery

THE MOST POWERFUL VHF/UHF
UP TO 21 HOURS' AUTONOMY



Amateur transceiver

CT 990-EB

The CT 990 is an IP67 certified VHF that allows it to be used in extreme weather conditions as it is protected from dust and water up to a depth of one meter for 30 minutes.

Its large colour display allows great readability thanks to TFT liquid crystal technology.

The EB version has a 3600mAh enhanced battery which is equivalent to about 30% more capacity and consequently longer duration.

The previous model lasted around 16 hours, with the enhanced battery it lasts around 21 hours.

Like its predecessor, the CT 990 EB has 10W power and guarantees superior radio coverage performance compared to other devices of the same amateur family that typically transmit at 5W.

KEY POINTS

- WIDE DISPLAY: 3 x 4 cm
- POWER: 10W
- 21 HOURS' AUTONOMY
- IP67 CERTIFICATE



Amateur transceiver

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TECHNICAL FEATURES

- 257 channels can be stored
- 83 + 83 DCS codes and 38 CTCSS tones
- Selectable channelling step 25kHz/12.5 kHz
- Dual band display
- Frequency band (settable according to country/area of use): 144-146 MHz & 430-440MHz (Rx/Tx).
- Operating mode: UHF/VHF, VHF/VHF or UHF/UHF
- Selectable channelling step 25kHz/12.5 kHz
- IP67 certificate
- Dead Man function
- DQT function (private conversation)
- Wide colour LCD display
- Activation tones for repeater bridges
- Individual/group selective calls
- VOX, Side Tone, Roger Beep functions
- Voice indication of the selected function "VOICE"
- Optional display of the channel number, channel number and frequency, channel name
- Inverted frequency function
- Scan function
- FM radio receiver
- Selectable transmission power: high (10W) or low (5W)
- Frequency offset
- Shift repeater
- "Busy channel lock" function
- Displayed indication of the transmission power level
- TOT (Time out timer) function
- Keypad lock
- Reset of functions/channels
- Audio indicator of low battery level
- 3600mAh Li-on battery pack
- Accessory socket: 2-pin Kenwood
- Dimensions: 140x60x40
- Weight: 328 g

SOFTWARE
PRG10 – C974.01

The CT 990 is an IP67 certified VHF that allows it to be used in extreme weather conditions as it is protected from dust and water up to a depth of one meter for 30 minutes.

It's supplied with two antennas that allow you to choose according to the type of use and requirements: the short antenna allows the user a good radio coverage and a smaller footprint than the long one which, however, allows for greater radio coverage. The long antenna is 38 cm and very flexible. The short one is 16.5 cm.

Thanks to its 10 W, this radio has a good potential to hook up a repeater bridge, and for example reach distances of a few tens of kilometres, even 50 Km.

The CT990 is equipped with the Dead Man or Man Down function, very useful when you are alone or isolated. This function constantly monitors the status of the person wearing the radio and detects a fall to the ground due to illness or injury, in the event that a change in position of the radio from vertical to horizontal is detected.

The CT 990 is the reliable radio you can always take with you.

PACKAGING AND CODES



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USE EXAMPLES



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CT990-EB

OPTIONAL ACCESSORIES

- PRG-10 Programming kit - code C974.01
- MA21-LK PTT microphone with spiral cable - code C709.04
- MA21-XK Microphone with PTT - code C709.06
- MA21-Lki Microphone with L-connector code C1306
- MA31-LK Microphone with pneumatic earphone - code C732.04
- CT990 2800 MAH - R01937 BATTERY
- BA24 Headset microphone - code C1296
- BA22 Speaker microphone with PTT and rotating clip - code C1297
- BA21 Adjustable earpiece microphone with PTT - code C1298
- BA31 Microphone with pneumatic earphone - code C1299
- BOW-M EVO K Military headset - code C1046.03
- PB CT990-EB 3600mAh - R02915
- CT990 – C1456 CHARGER
- CT990 R01941 LONG ANTENNA (38 cm)

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