

Digi-Wave

DLT 400



DLT 400 Transceiver

Dimensions	4.22"W x 2.60"H x 0.50"D (107.3 mm x 66 mm x 12.6 mm)
Weight	3.3 oz (94 g) including battery
Color	Black/Silver (Front/Back)
Case Material	Black ABS plastic
Battery type	Lithium Polymer with smart charge built into transceiver; 1800 mAh
Battery life	Up to 16 hrs talk time per charge@ 1ch Tx and 1ch Rx
Power Save	Auto Sleep Mode after 5 minutes of no RF signal from compatible devices
Charge time	5 hrs. approx.
System Voltages	OLED 14VDC; RF 5VDC; Logic 3.3 VDC
Operating frequencies	2.4 GHz (ISM band); 2402 – 2476 MHz FHSS
Audio Frequency response (-3dB Level)	Intercom Mode: 100 - 7,200 Hz Other Modes: 100 - 11,500 Hz
SNR	73 dB (A-weighted, default Rx volume with mic input)
THD	0.1 % (Default Volume, 1kHz)
Microphone input	Internal microphone (disabled when MIC jack engaged) and 3.5 mm phone jack (sleeve) with electret microphone bias, adjustable gain with 63dB range.
Line Input	USB-C, Adjustable level
Headphone Output	3.5 mm TRRS headphone jack; 25 mW, R 32 Ω
Audio Output	Headphone: Max SSPL 90 111.8dB (EAR 013), 116.8dB (EAR 041) Line: USB-C, Adjustable level
Range	Up to 900 ft (274 m) (depending upon environmental conditions)
Modulation	FSK
RF Output	19 dBm Typical
Security	87 bit encryption (300 Series Compatible), 87+128 bit Encryption, Encryption PIN, Lock for settings
Side tone	-6 dB below volume, tone variation (Off, Low and High settings available)
Indicators	OLED
LEDs	Red LED around Talk button when enabled; Bi-color, changing green and red LED at top
Charging Connectors	USB-C; Two contacts for use with CHG 412
Compatible Receiver	DLR 400 RCH, DLR 400 ALK, DLT 300 with some limitations and DLR 360 with some limitations
Operating Temperature Range	14° to 113°F (-10° to 45°C)
Approvals	FCC, Industry Canada, CE, RoHS 3, WEEE, RCM, ANATEL, KC, Giteki
Warranty	2 years parts and labor (90 days on accessories); 6 months on internal battery

Architectural Engineering Specs

DLT 400

The DLT 400 shall be 4.22"W x 2.60"H x 0.50"D (107.3 mm x 66 mm x 12.6 mm).

The DLT 400 shall weigh 3.3 oz (94 g) including the battery.

The DLT 400 shall charge via a USB-C connector.

The DLT 400 shall use a lithium polymer battery that shall last up to 16 hours while the DLT 400 is in talk mode.

The DLT 400 shall operate on 2.4 GHz (ISM Band) at 2402-2476 MHz FHSS.

The DLT 400 shall have a 3.5 mm phone jack for headphones and microphone usage.

The DLT 400 shall be covered by a two-year parts and labor warranty.

This product shall be the Williams AV model DLT 400.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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