

Digi-Wave® T410

Wireless Microphone Transceiver



Description

Digi-Wave® T410 by Williams AV is the latest addition to the popular Digi-Wave digital product line—and the industry’s only full-duplex handheld wireless microphone transceiver, allowing users to speak and listen at the same time. Purpose-built for tours, interpretation, and Q&A, the T410 combines the full capabilities of the Digi-Wave 400 series, including the ACM and AIM models in an intuitive handheld form factor.

Supporting simultaneous talk-and-listen functionality, the T410 enables real-time interaction between presenters and participants. It’s ideal for guided tours, training sessions, panel discussions, and multilingual events. Button lock functionality prevents accidental changes, making it easy to hand off to audience members or guest speakers without setup.

Designed for flexibility and clarity, the T410 features a condenser mic with an omnidirectional pickup pattern optimized for speech intelligibility.

Compatible with a wide range of Williams AV listening accessories, it supports USB or drop-in charging with the CHG 448. The T410 delivers professional-grade, inclusive audio with handheld simplicity.

Features

- **Full-Duplex Two-Way Audio—No External Amplification Required.** Enables users to speak and listen simultaneously without relying on a venue’s sound system
- **Intuitive Handheld Design** – Familiar mic-style form factor with simple controls and auto-switching screen orientation for easy use and programming.
- **Flexible Lock and Talk Control** – Features configurable talk modes and a button lock to prevent accidental changes – ideal for passing between users.
- **Flexible Charging Options** – Compatible with USB charging and CHG 448 drop-in docks for convenient power management.
- **Supports Multiple Listening Accessories** – Compatible with a range of Digi-Wave supported headphones, earphones, and neckloops, ideal for assistive listening, interpretation, and inclusive communication.

Applications

- Q&A Language Interpretation
- Guided Tours
- Portable Trainings and Presentations
- Live Events

Markets

- Corporate - trainings, presentations, tours
- Conference Centers/Trade Shows
- Government / NGO
- Education - classrooms & lecture halls

Specifications | Digi-Wave DW T410 Microphone Transceiver

CONTROLLER	
Dimensions	<ul style="list-style-type: none"> 9.65" L x 1.96" D (245 mm x 50 mm)
Weight	3.38 oz (96 g) including battery
Color	Black/Black (Body/Mesh)
Case Material	Black ABS plastic
Battery type	Lithium ion with smart charge built into transceiver; 1800 mAH
Battery Life	Up to 20 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. (Power save can be turned off in Advanced Settings if desired.)
Charge time	5 hrs. approx.
Operating frequencies	Interpretation, Tour, Hearing Asst (<=4mics): 100 - 11,500 Hz Other Modes: 100 - 7,200 Hz
SNR	73 dB (A-weighted, default Rx volume with mic input)
Audio Frequency Response (-3dB Level)	Interpretation, Tour, Hearing Asst (<=4mics): 100 - 11,500 Hz Other Modes: 100 - 7,200 Hz
THD	0.1 % (Default Volume, 1kHz)
Microphone input	Internal electret condenser microphone
Microphone pick-up pattern	Omni Direction
Range	Up to 810 ft / 247 m (depending upon environmental conditions)
Modulation	FSK
RF Output	19 dBm Max
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; It blinks when charging
Charging Connectors	USB-C; Two contacts for use with CHG 448
Compatible Receiver	DLT 400, DLR 400 RCH, DLR 400 RCH, DLR 400 ALK
Operating Temperature Range	<ul style="list-style-type: none"> +32° F to +122° F (0° C to 50° C)
Compliance Approvals	<ul style="list-style-type: none"> FCC, RoHS3, WEEE, Industry Canada/ISED, CE, UKCA, RCM, CB Scheme
Warranty	2-years warranty against component failure and manufacturing defects. 1 year on the internal battery. See Full Warranty on the website for details.