

# Digi-Wave™ Digital Spread Spectrum (DSS) • DLT 100



## Description:

The DLT 100 is a portable transceiver capable of transmitting and receiving digital modulated signals up to 100ft outdoors and up to 200ft indoors to other DLT 100's or DLR 50's. Operating on the 2.4GHz ISM band the DLT 100 has a high resistance to RF interference and can be used in most countries around the world. It can operate on four channels simultaneously in two way mode and fifteen channels simultaneously in one way mode. Patented frequency-hopping software greatly reduces interference potential.

An LCD displays current set-up, battery life, time and RF strength. All controls are on the front panel and also provide access to change set-up.

## Applications:

1 or 2-way tour guide • Simultaneous Interpretation • Conference • Wireless Intercom

## DLT 100 Transceiver:

Frequency Band	<u>2.4GHz (ISM band)</u>
Modulation	<u>GFSK digital transmission</u>
Range	<u>Up to 100ft outdoors, Up to 200ft indoors</u>
Multi Channel	<u>Up to 15 simultaneous groups (one way)</u> <u>Up to 4 simultaneous groups (two way)</u>
Maximum presenters	<u>Two presenters at any given time (two way)</u>
Battery life	<u>Up to 14 hrs per charge</u>
Battery type	<u>Li Polymer with smart charge built into transceiver</u>
Charge time	<u>5hrs</u>
Frequency response	<u>150 – 11Khz</u>
S/N ratio	<u>68dB (A weighted)</u>
THD	<u>0.15%</u>
Dimensions	<u>103 x 62 x 11mm (4.1 x 2.4 x 0.4inches)</u>
Weight	<u>80 grams (2.8oz) including battery</u>



NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

# Digi-Wave™ Digital Spread Spectrum (DSS) • DLT 100



## Bid Specs:

The DLT 100 shall be a digital transceiver operating on the 2.4GHz ISM band utilizing GFSK modulation with patented frequency-hopping software to reduce interference potential. It shall be housed in plastic enclosure, have an internal rechargeable Lithium Polymer battery with smart charge built into the transceiver and an LCD on the front panel displaying signal strength, battery level, mode and time. It shall have a built-in microphone and speaker for users opting not to use a headset.

The DLT 100 shall have a battery life up to 14 hrs per charge and take approximately 5 hrs to reach full charge. Power will automatically shut off after approximately one minute when not operating with other compatible devices.

The DLT 100 shall operate in one way or two way mode (two speakers in a group at any given time) and have a range of up to 200ft in two way mode indoors and up to 100ft outdoors.

The DLT 100 shall have 3.5mm mono microphone and headphone jacks, all controls are on the front of the unit and an Ipod style jack on the bottom provides battery charging access.

The DLT 100 can operate 15 simultaneous channels in one way mode and 4 simultaneous channels in two way mode. It shall have a relay mode to increase the range of the system.

The DLT 100 shall have a 68dB (A weighted) S/N ratio with a frequency response of 150Hz to 11kHz.

The DLT 100 shall have FCC, Industrie Canada, C tick and CE approvals and be RoHS and WEEE compliant.

The DLT 100 shall have a two year parts and labor warranty (90 days on headphones, battery, charger and earphones). This transceiver shall be the Williams Sound Corp. model DLT 100.

## Contact:

### Domestic Sales

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### International Sales

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