



DIGI-WAVE

DIGITAL LISTENING SYSTEM

## Digi-Wave™ ...for Tour Guide Applications



**Application:** The **Digi-WAVE Tour Guide System** can play a key role in enhancing communication between tour guides and tour group members. It helps overcome background noise and distance from the tour guide -- even in noisy surroundings. The system can be used in factories, museums, tourist attractions, or bus tours -- anywhere hearing assistance is required for tour-type presentations. The **Digi-WAVE Tour Guide System** saves the tour guide's voice, enhances the experience of the tour group members, and ensures that the presentation doesn't disturb those outside the tour group.

**Digi-WAVE for tour guide applications:** The new Digi-WAVE (digital spread spectrum--DSS) is a two-presenter, two-way, wireless communication system in the 2.4 GHz band. Slim, lightweight, and simple to set up and use. With the push of a button, users can access two-way communication for easy tour guide/tour group participation.

- Portable DLT-100 transceivers for 1-way or 2-way operation
- Portable DLR-50 receivers for digital, 1-way listening applications
- 4-group simultaneous use available in 2-way operation
- Patented frequency-hopping technology minimizes interference from other devices
- Global, turn-key solution: 2.4 GHz operation harmonized for use in most countries
- DLT-100 includes individual charger, with 14 hours of use per charge
- Range: Up to 100 ft outdoors and up to 200 ft\* indoors
- Built-in microphone and speaker (DLT-100)
- FCC, CE and C-Tick approved

*\*Depends on environmental conditions*



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**The Digi-WAVE digital system proves beneficial in tour guide situations:**

- 1) When two or more tour guides are presenting information.
- 2) When one or more tour group members are hearing impaired.
- 3) When one or more tour guides are hearing impaired.
- 4) When one or more tour guides have a soft voice.
- 5) When distance from the tour guide, background noise and/or poor acoustics create a poor listening/learning environment.

**Why Digi-WAVE is a smart choice for tour guide applications:**

- Both 1- and 2-way simultaneous communication with tour group members is available. The tour guide always controls the discussion.
- Four groups can be operating simultaneously within a 200-foot range (in 1- or 2-way mode). Outside of this range, other groups can be in operation.
- Completely portable
- Tour group members participating in 2-way, push-to-talk mode do not need to wear a headset. The DLT-100 transceiver has a built-in microphone and speaker.
- Price-competitive
- State-of-the-art digital technology
- Pure, clear, wireless audio
- 2-year-warranty

**Digi-WAVE Tour Guide Systems** are illustrated below. (Remember: The DLT-100 is a transceiver that can both transmit and receive; the DLR-50 is a receiver only.)

**DLT-100 + DLT-100**

**DLT-100 + DLR-50**

**(Tour guide can speak; Tour group members have listen-only capabilities; 1-way communication)**

Tour group members can hear the tour guide. Additional DLT-100s and/or DLR-50s can be purchased to provide additional tour group member listening capabilities. Tour guide is always in control of the TALK function. Tour group members cannot cancel a tour guide.

Tour Guide – 1<sup>st</sup> Priority

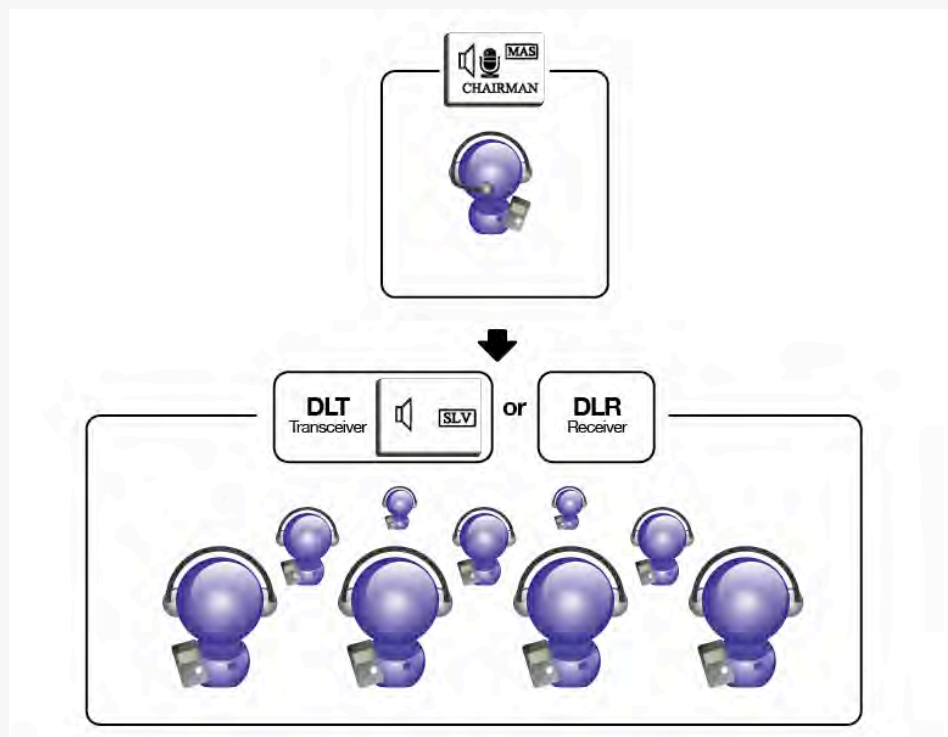
Tour Group Members – 2<sup>nd</sup> Priority



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Tour Guide = CHAIRMAN (MAS)



Tour Group Members = (SLV)

**DLT-100 + DLT-100 + DLT-100**

**DLT-100 + DLT-100 + DLR-50**

**(Two tour guides can speak simultaneously; 1- or 2-way communication with tour group members)**

The two tour guides can hear one another. The tour group members can hear both tour guides. Additional DLT-100s can be purchased to provide push-to-talk capability for tour group members (questions and answers), with two people able to speak at one time. Additional DLR-50s can be purchased to provide additional tour group members listen-only capabilities. The tour guide is always in control of the TALK function. Tour group members cannot cancel a tour guide.

Tour Guide 1 – 1<sup>st</sup> Priority

Tour Guide 2 – 2<sup>nd</sup> Priority

Tour Group Member – 3<sup>rd</sup> Priority

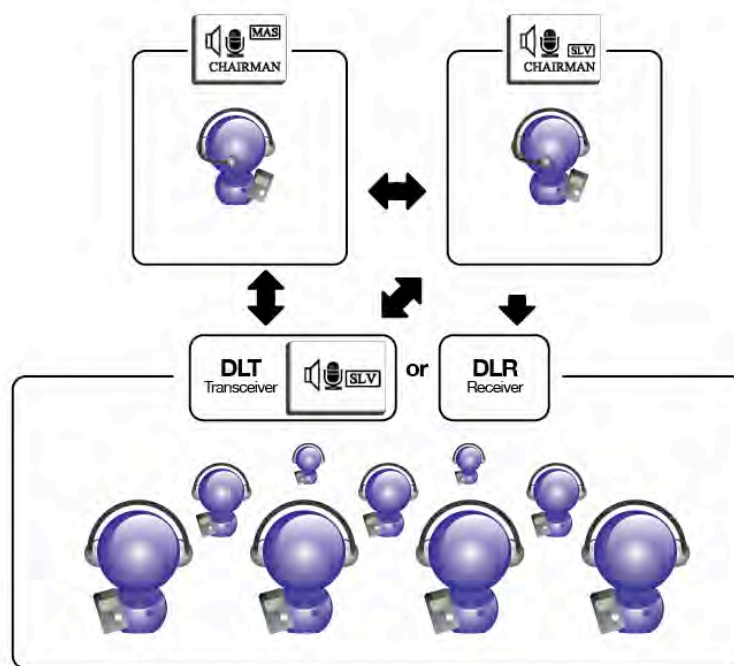


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Tour Guide 1 =  
CHAIRMAN (MAS)

Tour Guide 2 =  
CHAIRMAN (SLV)



Tour Group Members = (SLV)



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The **Digi-WAVE Tour Guide Systems** include the following:

**One-Way/Group Listening (DWS-TGS10)**

1 DLT-100 Transceiver  
10 DLR-50 Receivers  
1 MIC 044 2P Headset Microphone  
10 EAR 022 Earphones  
1 CCS 044 Silicone Case  
1 CCS 030 DW System Carry Case

**One-Way/Group Listening (DWS-TGS20)**

1 DLT-100 Transceiver  
20 DLR-50 Receivers  
1 MIC 044 2P Headset Microphone  
20 EAR 022 Earphones  
1 CCS 044 Silicone Case  
1 CCS 030 DW System Carry Case

**Two-Way/Group Listening (DWS-TGS VIP 12)**

12 DLT-100 Transceivers  
12 MIC 044 2P Headset Microphones  
12 CCS 044 Silicone Cases  
1 CCS 042 DW System Carry Case

*Add-on Options:*

DLT-100 Transceiver (2-way)  
DLR-50 Receiver (listen only)  
Earphone/Headphone/Neckloop  
CHG 102 Two-Bay Charger

If tour guides would like to give additional tour group members the opportunity to provide input, additional DLT-100 transceivers can be purchased. If tour guides would like to provide additional listen-only capabilities, additional DLR-50 receive-only units can be purchased. DLR-50 receivers can be used with or without a neckloop. Note: DLT-100 transceivers come with a built-in speaker and microphone, so they can be used with or without an earphone/headphone/neckloop. Additional earphones/headphones/neckloops also can be purchased for tour group members.