

**DWC-800** SERIES

**DIGITAL WIRELESS CONFERENCE MICROPHONE SYSTEM**



**DWC-800 SERIES** Digital wireless conference microphone system 8 Channels the technology for good sound quality flexibility performance frequency response and accurate sound reproduction for a wide variety of applications, such as meeting rooms, public relations, education institutions, to provide users with an exceptional performance features contemporary design element to enhanced convenience and consistent sound.

**FEATURE**

- UHF 694.5 ~ 805.7MHz Frequency Range
- 8 Channels adjustable frequency.
- 2 groups CH-A (1, 2, 3, 4) 100CH / CH-B (5, 6, 7, 8) 100CH
- Frequency Response 40Hz~20KHz ±2dB
- Auto frequency scanning function, IR frequency SYNC.
- Unique digital bit ID pilot technology, no crosstalk disturbance even the same frequency.
- The receiver is with TFT display while transmitters are with TFT display.
- All working status can be shown by the display. Electronic volume, digital display.
- The light ring on the microphone head will display the working status.
- Working distance of 60 meters.
- AA 1.5V \* 3 battery power supply, support 8 hours.
- Efficient battery design allows the microphone to be used continuously for longer periods of time.



VERIFICATION OF COMPLIANCE : CE and RoHS  
 CERTIFICATIONS : | NBTC | IEC 60950-1

**SPECIFICATIONS**

**DWC-800R RECEIVER**

|                          |  |
|--------------------------|--|
| Channel number           | 8  |
| Channel group            | CH-A (1, 2, 3, 4) (100CH)<br>CH-B (5, 6, 7, 8) (100CH)           |
| Frequency Range          | UHF 694.5-702.7MHz,<br>UHF 748.3-757.7MHz,<br>UHF 803.3-805.7MHz |
| Modulation Mode          | DQPSK  |
| Frequency Response       | 40Hz~20KHz±2dB   |
| Frequency Stability      | ±10ppm   |
| Max. Deviation Range     | ± 25 KHz   |
| S/N Ratio                | >90dB  |
| T.H.D                    | <0.5%@1KHz   |
| Sensitivity              | >7dBuV@S/N=40dB  |
| Image Interference Ratio | >100dB   |
| Audio Output             | CH1-CH8 : XLR balance output<br>MIX Output : 1 x XLR , 1 x 6.3mm |
| Independent              | 800mV Mixed: 400mV   |
| Consumed Power           | 7W   |
| Power Supply             | DC 12V~18V   |

**DWC-800D TRANSMITTER**

|                              |  |
|------------------------------|--|
| Frequency Range              | UHF 694.5-702.7MHz,<br>UHF 748.3-757.7MHz,<br>UHF 803.3-805.7MHz |
| Frequency response           | 40Hz~20KHz±2dB   |
| Frequency Stability          | ±10ppm   |
| Frequency Switching          | IR SYNC  |
| Sensitivity                  | -43±3dB@1KHz   |
| Max. deviation Range         | ±30KHz   |
| Dynamic range                | 90dB   |
| Type                         | Condenser  |
| Polar pattern                | Super cardioid   |
| Gooseneck mic length         | 500mm  |
| S/N Ratio                    | >90dB  |
| F/N Ratio                    | >80dB  |
| Transmitter power            | 15mW   |
| Power consumption            | 100mA  |
| Battery Voltage              | 4.5V (1.5V AA*3)   |
| Battery Life (Alkaline Type) | approx 8 hours   |

*Specifications are subject to change without prior notification.*

#### EXAMPLE CONNECTION DIAGRAM



DWC-800 Series applications, such as meeting rooms, public relations, education institutions etc.

