

D6801

2.4G Wireless Microphone System Host



Description

This product is a wireless intelligent discussion conference system with video tracking function. It uses digital wireless processing technology to process audio signals and control signals, no need for complicated wiring. With the scientific ID code design, it can be used when the power is turned on, easy to install and operate. This system has various speaking modes and a video tracking function, making it an indispensable part of the digital wireless video conference system.

Features

- Adopt 2.4GHz universal frequency processing for the pitch transmission and control signals of this product, which can be moved and used arbitrarily within the range of signal coverage, and can support 255 units.
- With the function of automatic detection of interference signals, it can allocate a frequency that can avoid the interference signal for use when an interference signal is found.
- Using mature 2.4GHz adaptive frequency hopping spread spectrum (ADFHSS) technology, it has good confidentiality and strong anti-interference ability.
- There are four conference modes: first-in first-out (FIFO), limited speech, chairman only, and time-limited speech. At the same time, the number of speakers can be selected from 1-4 (1-4 chairman units, or 1-4 delegate units), and the chairman unit can be arbitrarily matched.
- With real-time video tracking function, it can support 4 channels of video signal inputs and 2 channels of video signal outputs.
- Can realize audio and video control through external central control equipment.
- With a large 4.3" TFT full-view LCD to display work content, and hierarchical menu design to display content such as mode and number of speakers, easy and convenient to use, thereby improving the practical performance.

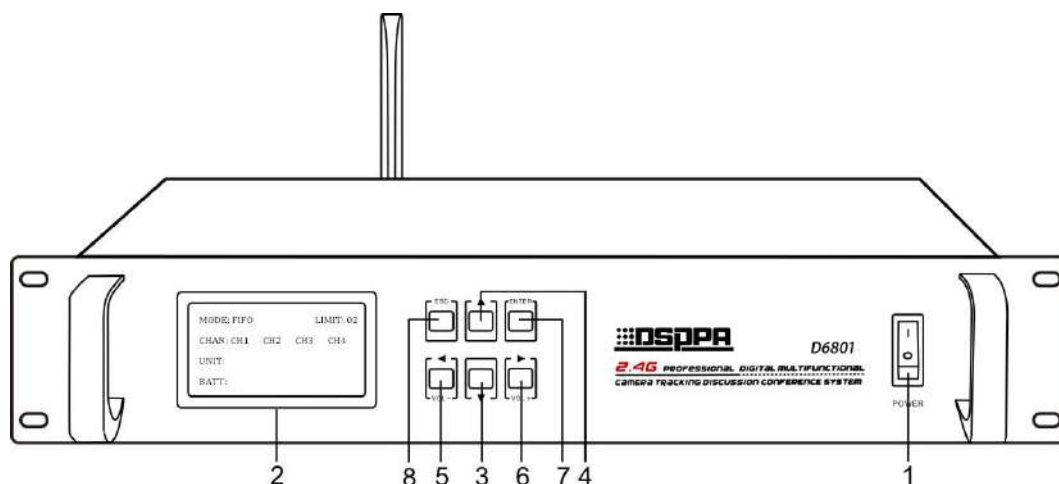
- With three audio output modes, it can adapt to different audio equipment connections in various occasions, avoiding confusion and embarrassment caused by mismatched equipment connections.
- Using the intelligent power management system, each unit will automatically shut down to reduce battery consumption after the host is turned off.
- With automatic frequency tracking for the conference unit, no need for complicated frequency matching operations.

Specifications

Model	D6801
Power Supply	DC12-17V
Frequency Range	2400MHZ-2483.5MHZ
Operating Mode	FHSS
Reception Mode	FSK
Receiving Sensitivity	$\geq 100\text{dBm}$
SNR	$>90\text{dB}$
Distortion	$<0.05\text{dB}$
Effective Working Distance (in Open Environment)	$\leq 30\text{m}$ (Omnidirectional antenna) $\leq 40\text{m}$ (Connect directional antenna) $\leq 70\text{m}$ (Connect antenna amplifier + directional antenna)
Power	6.5W
EIA Standard Chassis	Suitable for desktop or rack-mounted installation.
Conference Mode	FIFO, limited speech, chairman only, time-limited speech.
Three kinds of audio output terminals can be connected to recording or audio equipment.	
4.3" TFT full-view LCD displays working status. There are 6 function buttons for system function setting and adjustment.	
Host Package Dimensions (L×W×H)	560×480×195mm
Host Machine Dimensions (L×W×H)	480×410×84mm
Host Gross Weight	8kg
Host Net Weight	4.2kg

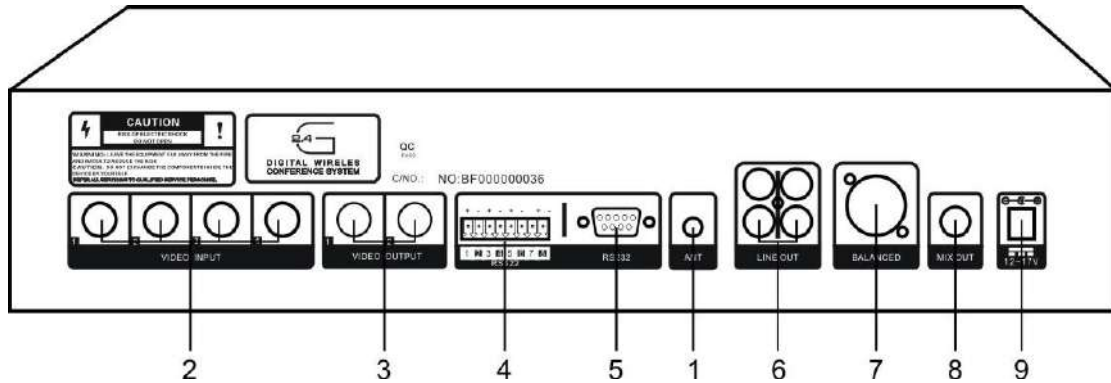
Front / Rear Panel

Front Panel



1. POWER
2. Full-view 4.3" Color Screen
3. Down Button
4. Up Button
5. Left Button / VOL- Button
6. Right Button / VOL+ Button
7. OK/ENTER/Page-turning Button
8. Exit Button

Rear Panel



1. Communication Antenna
2. Video Input
3. Video Output
4. Video Control
5. RS232 Port
6. LINE OUT
7. Balanced Output
8. Unbalanced Output
9. DC IN

System Diagram

