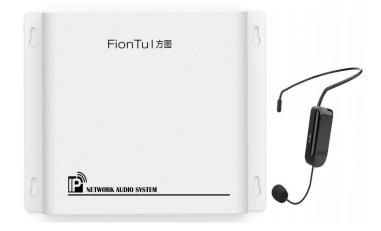


## Network terminal (with 2.5G microphone) FT-B1100GB (带备份)



## Feature:

1. Wall-mounted design, private mold white alloy plastic injection molding, beautiful craftsmanship

- 2. The terminal adopts embedded technology and DSP audio processing technology
- 3. Adopting high-speed industrial-grade chips, the startup time is less than 1s
- 4. Built-in 2×25W fixed resistance output Class D amplifier module, beautiful sound and strong power
- 5. Built-in network hardware audio decoding module, supporting TCP/IP, UDP, IGMP (multicast. protocols
- 6. Realize network transmission of 16-bit stereo CD quality audio signals
- 7. Stereo audio channel output, can be connected to an external power amplifier or active speakers
- 8. Stereo line input, 1 microphone input, with independent volume adjustment switch
- 9. 1 USB input interface, can realize local USB playback function
- 10. Built-in analog audio signal backup module, support constant voltage 70V/100V signal input
- 11. When the device detects that there is no network signal input or power failure, it automatically switches to input constant voltage signal amplification to achieve dual line redundancy
- 12. 1 short-circuit signal input, which can be connected to the linkage trigger signal, and can trigger the terminal alarm in an emergency
- 13. 1 short-distance signal output, which can be linked to trigger other devices in an emergency
- 14. 4G microphone has a long transmission distance. After successful connection, it can stably transmit audio data in an open area greater than 20 meters
- 15. 4G has a long transmission distance, and can stably transmit audio data in an open area greater than 20 meters
- 16. 4G+ automatically searches for channels with less interference and completes automatic pairing to ensure that the product does not cross-frequency, has strong anti-interference and stable transmission
- 17. Expanded multiple 2.5G channels, effectively avoiding 2.4G signal interference such as WIFI/Bluetooth
- 18. Adopting 48kHz/16bit sampling rate to meet high-quality audio transmission requirements
- 19. All settings have automatic memory function when power is off, and personalized settings are more convenient to use
- 20. Automatic audio energy detection, when no speech or audio input is detected, the module can output a control signal to control the amplifier to mute
- 21. Head-mounted design, compact size, ultra-low power consumption
- 22. Automatic management of terminal amplifier power supply, supporting software programming pre-opening function 23. Support intelligent voice prompt function when registering new terminal configuration (such as device is connected.





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24. With 1000-level custom audio priority silent control function

25. With unified server authorization operation management function, unified configuration management user and password

26. With digital audio time-lapse breakpoint playback function to ensure broadcast synchronization effect

27. With PSTN telephone broadcast, support SMS voice broadcast function

28. With mobile phone WIFI on-demand, support wireless remote control on-demand function

29. Support DHCP, compatible with routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast and other network structures

## **Specification**:

P	
Network interface	standard RJ45 input
Support protocols	TCP/IP, UDP, IGMP (multicast)
Audio format	MP3/MP2
Output power	2×25W fixed resistance
Frequency response	50Hz~18KHz
Sampling rate	8K~48KHz
Transmission rate	100Mbps
Audio mode	16-bit stereo CD quality
Harmonic distortion	≤0.3%
Signal-to-noise ratio	> 70dB
Audio source output level	1000mV industrial standard crimping terminal
Audio source output impedance	470Ω
Ambient temperature	5°C ~ 40°C
Ambient humidity	20%~80% relative humidity
Power consumption	≤36W
Input power	~220V 50Hz
Dimensions	220×160×43mm
Weight	1.28Kg

