

CNS6801 1-CHANNEL NETWORK AUDIO TERMINAL

TECHNICAL DATA SHEET



DESCRIPTION:

CNS6801 network audio terminal is a TCP/IP based full digital analog-digital conversion signal processor, with dual network interface redundancy design and may be deployed anywhere with network access. This device allows output of audio signals from remote audio streaming media under intelligent control of the controller; the device provides one emergency audio input port for connection to emergency signals from fire control centre and another emergency audio output port for connection to emergency amplifier; the device does not require any local operation and can work after properly configured via management software.

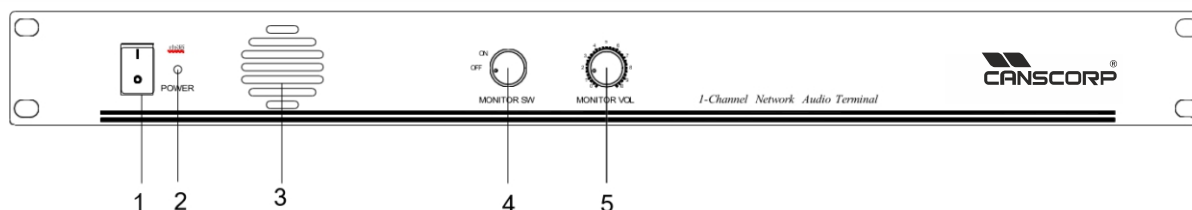
FEATURES:

- Module design, a network PA terminal with single-channel audio output.
- It adopts dual network redundancy design and network expansion port can be connected to other 100M network equipment.
- 10M / 100M adaptive network transmission
- It supports maximum 48 kHz sampling rate and 16bit MP3/ WAV/PCM decoding.
- Low power design.
- Built-in watch dog function
- Customizable network protocol interface.
- Full digital design, high fidelity, high voice transmission index.
- With override input, and override link output.
- DC 24V/1000MA output and short-circuit output under respective control.
- Local volume is controllable.

SPECIFICATIONS:

EMC (EMC LINE IN)	Ch1 Constant output	1V
	Input	4V
	Sensitivity	MAX: 250mV MIN: 20Hz-20kHz
	Effective frequency range of gain limit ($\pm 3\text{dB}$)	70dB
	SNR (low pass 30kHz)	0.1%
Network decoding (Host MP3 Input)	THD (1kHz $\times 1/3$ output voltage)	Equal to EMC LINE Input ($\pm 10\%$)
	EMC LINK Output	26dB
	Input Dynamic range	1V
	CH1 Constant output	0.2%
	Distortion (1kHz -10dB/MP3)	50Hz—20kHz
EMC output	Effective frequency range of gain limit ($\pm 3\text{dB}$)	70dB
	SNR (low pass 30kHz)	24V (The total current is 1A)
	COM-24V Output	Short Circuit (1) 1W
	COM-SC Output	Short Circuit (1) 1W
	Built-in Monitor Power	Dual network ports, 10M/100M
Network		AC 220V/50Hz
Power Supply		5W
Standby Power Consumption		7.5W
Rated power consumption		555×360×120
Packing Size (L×W×H mm)		483×273×44
Machine Size (L×W×H mm)		3.3kg
Net Weight		4kg
Gross Weight		

FRONT & REAR PANEL



1.Power switch When button "I" is pressed down, the device is powered on, and when "O" button is pressed, the device is powered off.

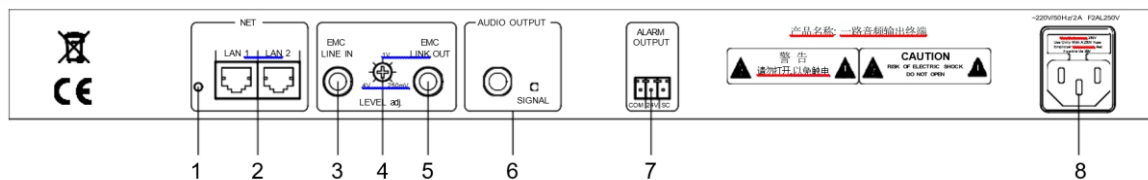
2.Power /fault indicating LED (POWER)

The indicating LED is on when the device is powered on, and off when the device is powered off.

3.Built-in speaker User may monitor the playing status of this device by switching the selection knob to designed channel.

4.Monitor Switch (MONITOR SW) The device is a single-channel audio output channel and the user can activate local monitoring by switching the dotted position on the knob to "ON" position and disable the monitoring function by switching the knob to "OFF" position.

5.Monitor volume adjusting knob (MONITOR VOL) This knob is for adjustment of monitoring volume.



1.Network indicating LED

This LED is on when the device is connected to the controller via network.

2.Network interface

This device provides two network ports for connection to network switch(es).

3.Override input

Connect the source device (such as DVD player, etc.) to expand the audio source.

4.Input level Adjustment

Adjust the knob according to the level of the input audio signal.

5.Break-in link output

It is for connection to other terminals.

6.Audio output port

This interface is used to connect other amplifiers to expand the power of this terminal. When there is signal output, the indicator light will be on.

7.Warning output

1-2 COM-24V (Connected to the network host, CH1 output is controllable, 24V total current is 1A) 1-3 COM-SC (Connect to the network host, CH1 short-circuit output is controllable)

8.Power socket

The device provides an AC 220V power input port, please connect the power cable to the device before it is connected to any power source

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