Datasheet

PAS-NPS101A | Network Audio Paging Station Mini



Key features

- 4-inch capacitive touch display 480×480 for intuitive zone selection and control.
- Built-in mixer for MIC, AUX1, AUX2, Bluetooth, and USB sources.
- Inbuilt web server managing up to 30 IP endpoints for small deployments.
- Dry-contact relay input to trigger automated emergency notifications.
- Durable aluminum-alloy desktop design for dry indoor environments.

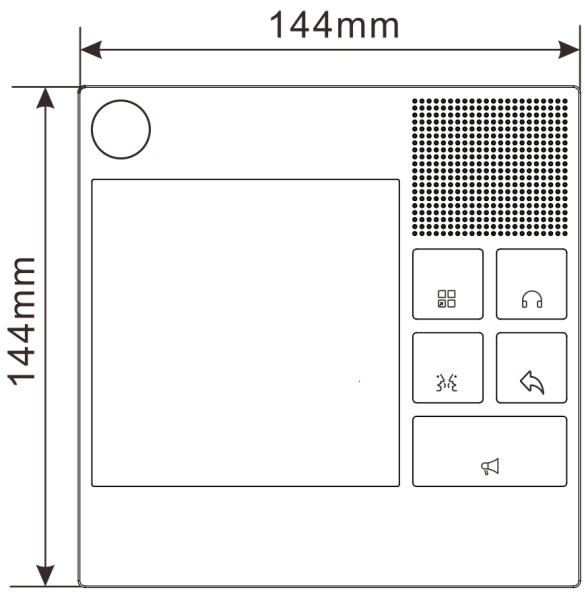
Product Overview

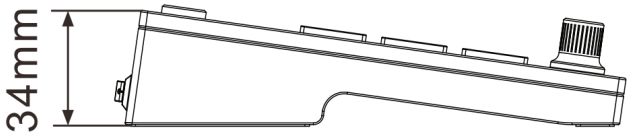
The Macsys PAS-NPS101A is a Network Audio Paging Station Mini that unifies a touch-driven interface with a built-in 5-channel mixer, integrated mic/speaker, and SIP interoperability for streamlined paging and intercom. It supports live announcements, two-way calling, background music, and scheduled bells across single or multiple zones, while the onboard server can manage up to 30 endpoints without extra software. The Easy Mic app simplifies setup, TTS, and updates, and a relay input enables event-triggered emergency notifications-making it a compact, versatile hub for small to mid-size systems.

Techinical Specification

Featues	Detail
Display	4-Inch Resolution 480x480 pixels
Power input	DC 12V/2A
Standby consumption	≤3W
Supported audio codecs	G.711 A-law, G.711 μ-law, G.729, PCM/L16
Signal-to-noise ratio	≥80dB
Sampling frequency & bit rate	8kHz–44.1kHz, 16bit, 8kbps–320kbps
Frequency range	100Hz–16kHz
Network port	10BASE-T/100BASE-TX RJ45
Network protocols	SIP (RFC3261), HTTP, DHCP, TCP/IP, UDP, ARP, ICMP, IGMP
Configuration access	Local settings or Web interface
Aux input 1	1/8-inch (3.5mm) TRS jack
Aux input 2	1/8-inch (3.5mm) TRS jack
Line output	1/8-inch (3.5mm) TRS jack
Relay contact input	2-pin pluggable terminal block (3.5mm pitch, AWG 28–16)
USB function	Playback from USB flash drive
Mounting style	Desktop
Installation conditions	Dry indoor use only
Operating temp.	0°C–+45°C (32°F–113°F)
Storage temp.	-10°C–+55°C (14°F–131°F)
Operating humidity	≤90% RH, non-condensing
Enclosure material	Aluminum alloy
Finish color	Black
Physical dimensions	144 × 144 × 34 mm
Certifications	CE, RoHS compliance

Dimension





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