DATA SHEET
NPX H1100
CONVENIENCE PAGING STATION

biamp.

The NPX H1100 is a 10-button convenience paging station with handheld microphone for use in Tesira® and Qt X systems. The H1100 features embedded DSP and on-board memory to support standard and advanced public address functionalities. Digital audio and control data can be transmitted by either AVB or Dante®. The NPX H1100 can store 999 user-configurable page codes and up to 10 pre-recorded messages. Additionally, the H1100 supports both tabletop and wall mounting with a removable "foot" that allows the paging station to be mounted flat against any surface, and a K-slot is included for enhanced physical security via an optional Kensington® lock. The NPX H1100 meets convenience paging requirements for facilities of all sizes.

FEATURES

- Push-to-talk button with status indication
- Up to 999 user-configurable page codes
- Up to 16 software configurable priority paging levels
- Audio and control data transmission via AVB or Dante
- Configurable in Tesira and Qt X software for their respective applications
- Local digital signal processing
- Supports tabletop or wall mounting
- Supports stored message playback (up to 10 messages)
- 50 minute recording pool for all 10 messages

- Local storage of default and/or custom preambles
- Removable foot for flat mounting
- High-quality, noise-cancelling handheld microphone with magnetic latch
- Powered by PoE (IEEE 802.3at Class 3, 15.4W)
- Backlit liquid crystal display (LCD) technology
- Optional PIN to restrict unauthorized use
- NRTL listed to UL 62638-1, CSA C22.2 #62368-1, CE marked, and RoHS compliant
- Covered by Biamp Systems' five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The convenience paging station shall be designed for use with Biamp® Tesira® and Qt X systems. The convenience paging station shall provide control data and digital audio over user-selectable AVB or Dante® via an RJ-45 connector and shall be powered by PoE (IEEE 802.3at Class 3, 15.4W). Ten buttons shall be provided on the front panel for recalling page codes with optional preambles. Multiple convenience paging stations may be connected to the system by means of Ethernet switches. The convenience paging station shall support up to 16 software configurable paging priority levels. The convenience paging station shall support push-to-talk (PTT) paging via the handheld microphone. Each convenience paging station shall provide local digital audio signal processing and local storage of pre-recorded messages and preambles. The convenience paging station shall have a backlit LCD screen, PIN code accessibility and a high-quality, noise-cancelling handheld microphone. The convenience paging station shall be NRTL listed to comply with UL 62638-1 and CSA C22.2 #62368-1 and shall be CE marked and compliant with the RoHS directive. Warranty shall be five years. The convenience paging station shall be an NPX H1100.

NPX H1100 SPECIFICATIONS

Network Connection:	Gigabit Ethernet, RJ-45 (Cat 5e and above)	**Overall Dimensions:**		
		Height (excl. foot):	1.7 inches (42 mm)	
Frequency Response (150Hz - 16kHz):	± 3dB	**Width:**	9.1 inches (230 mm)	
		Depth (excl. foot):	6.5 inches (166 mm)	
SNR (1kHz, 94dBSPL A-Weighted):	> 76dB	**Weight:**	2.7 lbs (1220 g)	
Maximum SPL (THD+N < 1%):	109dB	**Mic Cord Length (extended):**	7 ft. (2.1 m)	
Dynamic Range (THD+N < 1%):	92dB, A-Weighted	**Environmental:**		
Mic Type:	MEMS	**Ambient Operating Temperature Range:**	32 - 104° F (0 - 40° C)	
Mic Pattern:	Cardioid	**Humidity:**	0-95% relative humidity (non-condensing)	
Power:	PoE (IEEE 802.3at Class 3, 15.4W)	**Altitude:**	0-10,000 ft (0-3000m) MSL	
		Compliance:		
			FCC Part 15B (USA)	
			CE marked (Europe)	
			NRTL listed to UL 62638-1 (USA)	
			NRTL listed to CSA C22.2 #62368-1 (Canada)	
			RoHS Directive (Europe)	