



The DS-10 is a desktop networked paging station for use in Vocia® systems. The DS-10 features embedded DSP and on-board memory to support standard and advanced public address functionalities. The DS-10 can store 999 user-configurable page codes. Additionally, all device-specific configuration information is stored locally, which means the DS-10 does not rely on a centralized controller for processing and page routing. Thus, the processing, routing and storage functionality in a Vocia system is decentralized, which eliminates any centralized point of failure. As part of the Vocia system, the DS-10 meets paging requirements for facilities of all sizes.

FEATURES

- Push-to-talk button with status indication
- Up to 999 user-configurable page codes
- Eight priority levels: four regular priority levels, four emergency priority levels
- Local digital signal processing, including gain, filters and compressor/limiter
- Local storage of configuration data
- Local storage of default and/or custom preambles
- Built-in store and forward functionality
- CobraNet® audio/control with dynamic use of available bundles, plus power over single Ethernet cable
- Backlit liquid crystal display (LCD) technology
- Optional PIN to restrict unauthorized use
- High-quality gooseneck cardioid microphone
- Sturdy component housing
- Rotary ID switches for unit identification
- The microphone is a dynamic type with two transducers. The primary (microphone) transducer is constantly monitored for ambient signal. In low ambient conditions, the secondary transducer is energized with an inaudible tone to emulate ambient noise
- **CE** marked and **RoHS** compliant
- Covered by Biamp Systems' warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The desktop paging station shall be designed exclusively for use with Biamp® Vocia® systems. The desktop paging station shall provide paging audio and control data via CobraNet®, and receive Power over Ethernet (PoE), utilizing a single (CAT5) network cable to a bottom panel RJ45 connector. Ten buttons shall be provided on the front panel for recalling page codes with preambles. Multiple desktop paging stations may be connected to a Vocia system by means of Ethernet switches. Up to eight paging priority levels shall be available. The desktop paging station shall include override, store and forward, and lock-out capabilities. Each desktop paging station shall provide local digital audio signal processing, local storage of configuration data and standard and uploaded preambles in .WAV format. Desktop paging stations shall have a backlit LCD screen, PIN code accessibility and a gooseneck cardioid microphone. The desktop paging station shall be CE marked and shall be compliant with the RoHS directive. Warranty shall be five years.

The desktop paging station shall be a Vocia DS-10.

Desk Station 10 SPECIFICATIONS

Frequency Response (electronics):	+0,-1dB, 100Hz to 20kHz	A/D Converters:	24-bit (48kHz sampling)
Effective Input Headroom:	30dB	Connection:	RJ45 with shielded Ethernet/PoE cable (CAT5, CAT5e, CAT6, or CAT7)
Gain:	Adjustable in 1dB steps over a 30dB range	Power:	802.3af (PoE) Class 2
System Headroom:	18dB	Overall Dimensions (excl. microphone):	
		Height:	2.1 inches (54mm)
		Width:	9.5 inches (241mm)
		Depth:	7.4 inches (187mm)
Maximum Input:	125dB SPL	Mic Gooseneck Length:	12.5 inches (317.5mm)
THD + N (100Hz to 8kHz):	<0.05%	Weight:	Approx. 3.0 8 lbs. (1.4kg)
Mic Type:	electret condenser	Ambient Operating Temperature Range:	32-113 degrees F (0-45 degrees C)
Mic Pattern:	cardioid	Compliance:	EUDirective2002/95/EC, RoHS directive CE marked
Mic Frequency Response:	100Hz-10kHz		

Desk Station 10 BOTTOM VIEW



Desk Station BLOCK DIAGRAM

