

# DATA SHEET

## VOCIA® POTS-1 TELEPHONE PAGING ADAPTER



The Vokia Telephone Paging Adapter 1 (POTS-1) facilitates a direct connection from two (POTS-1-2) or four (POTS-1-4) Plain Old Telephone Service (POTS) lines, or POTS-based PBX telephone systems. The interface permits Live, real-time Paging using any Page Code within the Vokia system. When calling into a POTS line, a number of software-configurable voice prompt functions are available including Page Code selection, Zone status indication and Page Now indication. A DTMF sequence of tones can also be programmed in the software to be associated with a Vokia Control Input event. In the event of a busy Zone status, the POTS-1 supports page stacking and Store-and-Forward message queuing. The POTS-1 supports Pre-recorded Messages when a Message Server 1 (MS-1) is present in the system. The POTS-1 also supports Emergency Paging functions when a Vokia Life Safety Interface (LSI-16 or LSI-16e) is present in the system.

### BENEFITS

- Direct Paging connection from an analog telephone system (POTS) into the Vokia platform
- Configurable for two or four POTS lines to allow flexibility in building the system
- Page stacking and Page Store-and-Forward functionality

### FEATURES

- Configurable with two or four POTS lines
- Device monitoring
- Power via dual 24V DC inputs (redundant inputs)
- Software-configurable signal processing
- Rack mountable (1RU)
- CobraNet® control over a single Ethernet cable
- Dual CobraNet ports for redundancy
- Rotary switches for device identification
- IP30 compliant
- CE marked, UL listed and RoHS compliant
- Covered by Biamp Systems' 5-year warranty

## ARCHITECTS & ENGINEERS SPECIFICATION

The telephone paging adapter device shall be designed exclusively for use with Biamp® Vocia® systems. It shall integrate with standard analog (POTS) telephony communications via an RJ-11 connector. Each line shall support two-wire to four-wire hybrid (Line and Set) functions. Front panel indicators shall provide Fault and Status indications as well as line and hook indicators for each telephone line. The unit shall support two or four telephone lines with software-configurable telephone line echo cancellation, caller ID, and level controls for inputs, preambles and prompts. Signal processing shall include five-band parametric equalization, compression and PIN code access per line. The device shall permit call actions to be associated with Vocia virtual control actions to enable DTMF control of Vocia Control Events. Programmable voice prompts shall be available for menu-driven call prompts. The device shall permit Paging Preambles to be applied and shall support Page stacking and Store-and-Forward functionality. Full logging of the unit status shall be reported to the Vocia network. It shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The telephone paging adapter shall be a Vocia POTS-1.

## VOCIA POTS-1 SPECIFICATIONS

<b>Network Connection:</b>	Dual RJ-45 with shielded Ethernet (CAT5, CAT5e, CAT6, or CAT7)	<b>Power:</b>	24V DC; <100mV Ripple (Max 30W)
<b>Network Audio:</b>	20-bits, 48kHz, 5-1/3ms (fixed)	<b>Environment:</b>	
<b>POTS Interface:</b>		<b>Ambient Operating Temperature Range:</b>	18-108° F (-8 - 42° C)
<b>Ringer Equivalency Number (REN):</b>	0.2	<b>Humidity:</b>	0 - 95% non-condensing
<b>Dynamic Range:</b>	67dB	<b>Altitude:</b>	0-10,000 Feet (0-3000 meters) MSL
<b>Frequency Response:</b>	250Hz-3.4kHz	<b>Compliance:</b>	
<b>THD+N (250Hz - 2kHz):</b>	< 0.3%		FCC Part 15B (USA)
<b>TransHybrid Balance:</b>	30dB		FCC Part 68 (USA)
<b>Overall Dimensions:</b>			Industry Canada CS-03 (Canada)
<b>Height:</b>	1.75 inches (44 mm)		CE marked (Europe)
<b>Width:</b>	19 inches (483 mm)		UL and C-UL listed (USA & Canada)
<b>Depth:</b>	9 inches (228 mm)		RCM (Australia)
<b>Weight:</b>	2.4 lbs (1.1 kg)		EAC (Eurasian Customs Union)
			RoHS Directive (Europe)

## VOCIA POTS-1 BACK PANEL

