

VXI headset solutions for Cisco IP systems

Harness the power of Cisco AVVID with VXI headset technology.

It is critical when using VoIP that your call has the same professional sound as a traditional phone system. Each professional quality VXI headset is specifically designed to work with Cisco IP phone systems. Voice clarity is achieved with a superior quality, noise canceling microphone paired with a highly flexible, microphone boom that ensures reliable voice input. Slightly concave ear cushions cup the ear gently, effectively isolating the sound for improved audio on receive.



TuffSet 10

STEP 1. Choose Your Headset Style



TuffSet 37 Convertible
shown without optional headband



TuffSet 20

STEP 2. Select Phone Model for Proper Connection Cord

CORD SELECTION GUIDE	CISCO IP PHONE MODELS	VXI LOWER CORDS
	7960 / 7940 SERIES	QD-1029 CORD
7905 / 7910 / 7912 SERIES	QD-1027 CORD	
7920	QD-1095 CORD	
IP SOFTPHONE	USB CORD	

OPTIONAL STEP 3. Expand Your System Features

Additional features possible with the use of the TuffSet Everon amplifier.

- Microphone mute switch
- Microphone transmit control
- Receive volume control
- Headset/handset switch
- Headset holder (removable)
- Marathon battery life



VXI Cisco IP Headset System Specifications and Features

TuffSet 10 / 20 Headset

TRANSMIT SPECIFICATIONS

Microphone: Noise canceling electret
Ambient noise suppression: 13db @ 1kHz, typical
Output impedance: 1.8k Ohms typical
Sensitivity: -50dB @ 1kHz (defined 1" from talk-side, 82dB SPL)
Frequency response: 20Hz to 15 kHz.
Operating Current: 300uA max.
Operating Voltage: DC 1.0V min. to 20V max.

RECEIVE SPECIFICATIONS

Speaker: Dynamic; 36mm diameter
SPL: 90db @ 1kHz, 0.55V input
Impedance: 300 Ohms
Frequency response: 200Hz to 5 kHz
Rated input: 10mW continuous,
100mW peak

MECHANICAL SPECIFICATIONS:

Cables: Standard wire, PVC insulation, polyurethane jacket
Connectors: 4 Pin Quick Disconnect
Microphone boom: Flexible, with positioning memory; swivels 270°
Mounting: Left or right ear placement
Headband: Stainless steel adjustable band; ratchet positioning
Operating Current: 300uA max.
Operating Voltage: DC 1.0V min. to 20V max.

TuffSet 37 Headset

TRANSMIT SPECIFICATIONS

Microphone: Noise canceling electret
Impedance: Low. (~300 Ohm)
Sensitivity: -36 dB / Pa. (=16mV)
DC current: 0.5 mA. (At 3V./2.2 k.Ohm)
Attenuation of Room Noise: 12 dB. or more.

RECEIVE SPECIFICATIONS

Impedance: 300 Ohm
Sound Pressure: 96 dB (At 1 k.Hz./ 1mW)
Frequency response: 300 Hz. To 3400 Hz.
Sound Pressure Peak Max: 112 dB (Limited by built-in protective circuit)

MECHANICAL SPECIFICATIONS:

Cables: Thin, high flexible and ultra high strength 4 conductor cable.
Connectors: 4 Pin Quick Disconnect
Flexible microphone boom

TuffSet Everon Amplifier

TELEPHONE INTERFACE

Configurable for all headset and handset ports
Accepts all polarities of carbon, R style, Lucent, electret, or dynamic mic
Provides 40dB min. TX to RX isolation

HEADSET INTERFACE

Balanced output, optimized for 300 ohm receiver
Amplitude limiting for hearing protection
Electret mic operates at 2K ohm min. impedance
Approx. 6 dB transmit noise suppression with no voice

MECHANICAL DIMENSIONS

Width 3.25 inches
Height 1.25 inches amp only
Height 8.50 inches w/ headset cradle
Depth 5 inches
Quick-disconnect cord length
3 ft coiled, 9 ft extended

TuffSet 10 / 20 Features

- Noise-canceling microphone for voice clarity and to attenuate background noise
- Highly obedient microphone boom that stays in position; flexible "gooseneck"
- Slightly concave ear cushions for comfort and improved sound
- Right or left side microphone placement
- Sturdy quick disconnect for greater mobility
- Adjustable, ratchet design headband establishes a stable fit; won't snag hair
- Two-year unconditional warranty

TuffSet 37 Convertible Features

- Over the ear or over the head with headband
- Quick and easy conversion between both wearing styles (no tools needed)
- Noise-canceling microphone for voice clarity and to attenuate background noise
- Left or right ear positioning
- Flexible microphone boom
- Quick disconnect for greater mobility
- Adjustable headband
- Two-year unconditional warranty

Everon Amplifier Features

- Universal phone compatibility
- Voice gain control - automatically controls excess transmit sound levels
- True Mic noise suppression eliminates background noise when the operator is not speaking
- Microphone mute, receive volume control, transmit control, headset/handset switch and optional headset holder
- Marathon battery life
- Easy access to simple compatibility switches
- Two year unconditional warranty