

Warranty Policy

Limited Warranty

All Rights Reserved. Copyright 2006 Teletronics International, Inc.
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All Teletronics' products warranted to the original purchaser to be free from defects in materials and workmanship under normal installation, use, and service for a period of one (1) year from the date of purchase. Under this warranty, Teletronics International, Inc. shall repair or replace (at its option), during the warranty period, any part that proves to be defective in material of workmanship under normal installation, use and service, provided the product is returned to Teletronics International, Inc., or to one of its distributors with transportation charges prepaid. Returned products must include a copy of the purchase receipt. In the absence of a purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

This warranty shall be voided if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than a Teletronics International, Inc. employee or authorized service facility, or any use in violation of instructions furnished by Teletronics International, Inc.

This warranty is also rendered invalid if this product is removed from the country in which it was purchased, if it is used in a country in which it is not registered for use, or if it is used in a country for which it was not designed. Due to variations in communications laws, this product may be illegal for use in some countries. Teletronics International, Inc. assumes no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other than that for which it is intended.

IN NO EVENT SHALL TELETRONICS INTERNATIONAL, INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER.

Some states do not allow the exclusion or limitation of special, incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

RMA Policy

Product Return Policy

It is important to us that all Teletronics' products are bought with full confidence. If you are not 100% satisfied with any product purchased from Teletronics you may receive a prompt replacement or refund, subject to the terms and conditions outlined below.

IMPORTANT: Before returning any item for credit or under warranty repair, you must obtain a Return Merchandise Authorization (RMA) number by filling out the RMA form. Products will not be accepted without an RMA number. All products being shipped to Teletronics for repair/refund/exchange must be freight prepaid (customer pays for shipping). For all under warranty repair/replacement, Teletronics standard warranty applies.

30-Day full refund or credit policy:

- I. Product was purchased from Teletronics no more than 30 day prior to the return request.
- II. All shipping charges associated with returned items are non-refundable.
- III. Products are returned in their original condition along with any associated packaging, accessories, mounting hardware and manuals. Any discrepancy could result in a delay or partial forfeiture of your credit.

Unfortunately Teletronics cannot issue credits for:

- I. Products not purchased from Teletronics directly. If you purchased from a reseller or distributor you must contact them directly for return instructions.
- II. Damaged items as a result of misuse, neglect, or improper environmental conditions.
- III. Products purchased direct from Teletronics more than 30 days prior to a product return request.

To return any product under 1 year warranty for repair/replacement, follow the RMA procedure.



Quick Product Guide



EZLOOP®
VoIP FXS2 Adapter
Item# 21-110

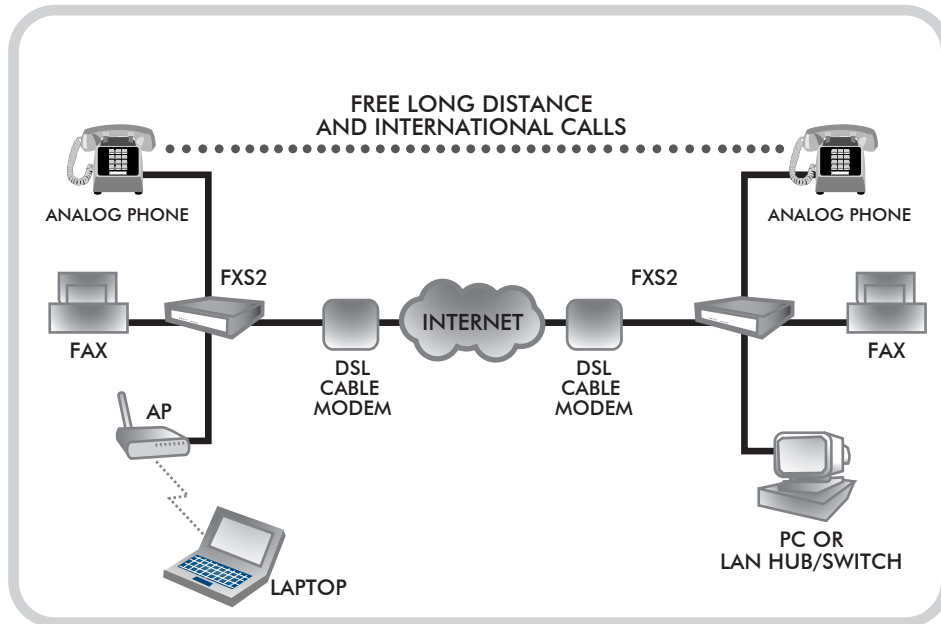
Technical Specs

Features	Easy access to IP from phone set or PBX Cost Saving - Telephone call from VPN or public Internet Follows the existing telephone call dial plan Easy interface to ADSL/Cable Modem or Leased line equipment	Network Interface	Two 10/100Base-T Ethernet RJ-45 ports (WAN/LAN)
Protocol Supported	ITU-T H.323 v2/v3/v4 compliance SIP RFC3261	FXS Interface	(2) Two RJ-11 Telephone port (FXS) Programmable AC impedance, Feeding voltage, Ring Voltage, Ring Cadence, Loop current and call progress tone ON-Hook Voltage: 48Vdc Ring Voltage: 50 V RMS Loop Current: Constant 23mA
Supplementary Service	H.450 (Call Hold, Call Transfer, Call Forward)	Dimensions	8.6" x 5.75" x 1.4"
FAX Support	Automatic FAX detection Group 3 Fax relay at 2.4 - 14.4 kbps Support T.38 protocol	Weight	1.7 lbs (0.77kg)
Codec Supported	G.711A/u-law, G.723.1, G.729, G.729A, G.729B, G.729AB		
Voice Quality	VAD (Voice Activity Detection) CNG (Comfort Noise Generation) G.165/G.168 compliant echo cancellation Programmable Dynamic Jitter Buffer Bad Frame Interpolation Provide both in-band and out of band DTMF generation detection Gain/Attenuation Settings Provide progress tone: Dial Tone, Busy Tone, 2nd Dial Tone, Call-Holding Tone and Ring-Back Tone		
QoS	TOS		
Caller ID	Generation (FSK/DTMF)		
Tone	DTMF/CPT (Call Progress Tone) Generation Detection		
ADSL Env.	PPPoE		
Firewall Env.	Behind NAT Router or IP sharing device		
Security	Support H.235 security function		
Config. & Man.	Console port, TELNET and Web Browser		
Upgrade	Firmware upgrade through network by TFTP/FTP		
Power	Input AC 100V ~ 240V Output DC12V		
Operation Temp.	41 ~ 104°F (5 ~ 40°C)		
Humidity	10% to 90% (Non-condensing)		
Console Interface	One DB-9 RS-232 COM port		

Package List

1. EZLoop® VoIP FXS2 Unit
2. AC Adapter
3. Ethernet Cable
4. Quick Product Guide

Sample Application Diagram



Initial Set-Up Guide

1. Using the Ethernet

Using the Ethernet cable provided, connect the DSL or Cable modem to the WAN port on the back of the FXS2.

2. Connect the Ethernet

Connect the Ethernet (LAN) port of your Router or your computer by using your own Ethernet cable into the LAN port on the back of the FXS2.

3. Power on the FXS2

Power on the FXS2 by using the AC Adapter provided.

4. Connect your phone

Connect your phone to the Phone1 port on the back of the FXS2.

Initial Set-Up Guide (Cont.)

5. Optional Set-up:

Connect the FXS2 WAN port to your Router instead of DSL or Cable modem. Teletronics recommend places the FXS2 in front of Router to maximize the voice quality.

6. Configuring from Web Browser:

FXS2 WAN: default to DHCP Client

FXS2 LAN IP: 10.1.1.3

Web IP Address: <http://10.1.1.3>

User ID: root

Password: (No Password/Leave it blank)

Please Note:

Please download FXS2 User Manual at www.teletronics.com/UserManuals.html