



Audiotrix C2



The Audiotrix C2 is a VoIP Analog Adaptor that interconnects analog telephones, faxes, and modems into SIP based systems. This ATA allows operators to shorten deployment time and ensure a highly secure environment to enable cloud telephony services into branch offices and SMBs.

Interconnect any device to SIP

The Audiotrix C2 links any analog connection to an IP network and delivers a rich feature set for a comprehensive VoIP solution.

Highly reliable Fax and Modem Transmissions over IP

With T.38 and clear channel fax and modem pass-through capabilities, the Audiotrix C2 ensures seamless transport of voice and data services over IP networks.

Legacy PBX system gateway

With FXS ports, local call switching, and user-defined call properties (including caller/calling ID), the Audiotrix C2 integrates into legacy PBXs.

VPN client/server

The Audiotrix C2 features new firmware, offering advanced networking features, set and use the VPN client/server accordingly to your corporate requirements.

AudiotrixC2

Applications

Operators

- ✓ Connect legacy equipment in PSTN replacement/TDM replacement projects
- ✓ Provide SIP termination for cloud telephony services
- ✓ Convert analog signaling to SIP for Hosted Unified Communications and IP-Centrex
- ✓ Take advantage of the VPN client to set secure and private connections

Key Features

Data Network

WAN: 1 x 10/100Mbps Ethernet port
LAN: 2 x 10/100Mbps Ethernet ports

Robust Security

Encrypted media, signaling, and management
Deep packet inspection firewall with DoS protection

Easy Configuration and Management

Zero-Touch configuration
Intuitive Web GUI
Customisable factory settings

Networking

Multiple IP addresses and VLANs
NAT, firewall, and router capabilities
VPN: PPTP, L2TP

Benefits

- ✓ High quality build and carrier-grade validation standards contribute to the industry's most reliable platform
- ✓ Extensive TR-069 support for easy management of large-scale deployments with a centralized EMS

Technical Specifications

Session Border Controller

G.711 (A-law and μ -law), G.729a/b
G.168 echo cancellation
DTMF detection and generation
Silence detection/suppression and comfort noise
Configurable de-jitter buffer and packet length

IP Telephony Protocol

SIP (RFC 3261) over: UDP
 TCP
 TLS

RTP (RFC 3550)
SDP (RFC 4566)
Redundancy support via DNS SRV
IPv4 and IPv6 dual stack

Analog Telephony

Support for: call forward
 call transfer
 conference call
 call waiting

Multiple country presets
Customizable tones and ring patterns
Echo cancellation
Message Waiting Indication (MWI), via FSK
On-hook/off-hook caller ID generation

Management

Zero-touch provisioning
TR-069
Web GUI
TELNET, SNMP
Scripts/firmware files
Syslog, log file

Fax and Modem Support

RealtimeT.38 fax
Clear channel (G.711) fax and modem pass-through

Networking

IPv4 – IPv6
DHCP client
PPPoE (RFC 2516)
QoS traffic shaping
Firewall
Static routing
NAPT
DHCP Server

Power Supply

External 100-240 VAC power supply

Physical Interfaces

3 x 10/100 Base-T Ethernet RJ-45 connectors
2 x RJ-11 FXS connectors

Operating Environment

Operating temperature: 0°C to 50°C
Storage temperature: -25°C to 85°C
Humidity: up to 85%, non-condensing

Dimensions

Height: 3.2 cm approx.
Width: 8.0 cm approx.
Depth: 12.0 cm approx.
Weight: 120 g



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With a focus on innovation and excellence in customer support, we deliver highly adaptive hardware and ready-to-market software components. This allows our customers and partners to take advantage of secure, reliable, and comprehensive communication solutions.

Present in more than one hundred countries, Media5 has its headquarters in Canada and local representatives in North and Latin America, Europe, and the Middle East.

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