

maia[®] xc top

Professional System for Videoconferencing and Internet



Comprehensive and Versatile

Videoconferencing, IP Telephony, Web browser,
Email client, Digital photo viewer

Multiple Connectivity

Supports both SIP and H.323 protocols over IP and
can also be connected to an analogue phone line

Design and Style

With its slim profile and modern design by
Paolo Villa, the system easily adapts
to any environment



Maia[®] XC Top is a multimedia system that provides in one unique product, professional videoconferencing, web browsing, telephony over IP and email management.

A solution conceived for the Small Office-Home Office with its elegant lines created by designer Paolo Villa, Maia[®] XC Top is ideal for any environment whether in sophisticated Shining Black or stylish Dark Anthracite with its particular soft-touch effect.

Versatile Desktop Device

Equipped with IP telephony capabilities, it provides the possibility of integration with VoIP-PBX telephony over analogue lines, video communication, Internet browser for viewing web pages, email, instant messaging for type-text communication and a photo viewer program to manage and view digital photos in multiple formats.

High-quality Video

Features a high-resolution (800 x 480 pixels, 16/9) 7" LCD video display for private discussions with bright, top-quality images from any visual angle. For wider viewing of the video image, it includes a connector for external TV monitors. For video input, a built-in camera, with manual focus and automatic white balance, uses a 1/4" CCD sensor to capture business-quality, 30 fps video.

Multiple Network Connectivity

Supports both PSTN and IP-based network communications standards.



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Technical Specifications



Supported Standards

- ITU-T H.323 v4 IP networks
- IETF-SIP (RFC3261) IP networks
- Video H.261, H.263, H.263+, H.264
- Audio G.711, G.728, G.722, G.722.1, G.722.1 Annex C
- LDAP H.350
- MCU compatibility H.243

Transmission

- Bit rate 64 kbps ÷ 768 kbps (H323/SIP)

Video

- Frame rate (Tx/Rx) 25 fps PAL
30 fps NTSC
- Video resolution FCIF 352 x 288 pixels
QCIF 176 x 144 pixels
4CIF 704 x 576 pixels for still images (H.261 Annex D)
SIF 352 x 240 pixels
QSIF 176 x 120 pixels
4SIF 704 x 480 pixels for still images (H.261 Annex D)
- Remote camera control H.281

Audio

- | Audio | Band | Bit rate |
|-----------------|---------------|---------------|
| G.711 | 300 ÷ 3400 Hz | 48/56/64 kbps |
| G.728 | 50 ÷ 3400 Hz | 16 kbps |
| G.722 | 50 ÷ 7000 Hz | 48/56/64 kbps |
| G.722.1 | 50 ÷ 7000 Hz | 24/32 kbps |
| G.722.1 Annex C | 50 ÷ 14000 Hz | 24/32/48 kbps |

- Echo cancellation Full-duplex
- Adaptive post filtering
- Automatic Gain Control (AGC)
- Automatic Noise Suppression

Built-in CCD Camera

- Format 4:3 Digital 8bit
- Picture elements PAL 542 x 586 pixels
NTSC 542 x 496 pixels
- Resolution 380 TVL / 470 TVL
- Focus Manual
- White balance Automatic
- Minimum illumination 0.5 lux
- S/N 52 dB
- Manual Tilt

Built-in Display

- Type TFT LCD 16/9 256K Color
- Size 7"
- Resolution 800x480 pixels
- Brightness 350 cd
- Touch Screen (Software option)

Network Interfaces

- Ethernet
- 2-port switch 10/100 BASE-T (2xRJ45)
- RJ11-type single line analog on PSTN
- WiFi Module 802.11b/g (Software option)

Network Features

- Differentiated Service (DIFFSERV), IP Precedence, IP Type of Service (ToS)

Firewall Traversal

- Auto NAT discover HTTP and STUN
- H.460.18 H.460.19

Audio/Video Interfaces

- Video Inputs
Main Camera Integrated
1x Composite RCA
- Video Output
Main Monitor Integrated LCD 7"
1x Composite RCA
- Audio Inputs
Mic Integrated
Handset RJ11
1x Line In RCA
Headset 3.3 mm jack
- Audio Outputs
Speaker Integrated
Handset RJ11
1x Line Out RCA
Headset 3.5 mm jack

Auxiliary Interfaces

- USB 2.0 (A) master High Power
- Memory Card Reader SD, MMC

Closed Captioning/Text Chat

- T.140 text chat, available from Web

User Interface for Videoconferencing

- Multilingual on-screen graphic user interface
- User selectable languages:
Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Russian, Czech, Arabic, Hungarian, Polish, Finnish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Turkish
- Diagnostics and management functions
- Call progress monitoring
- Customizable Graphic User Interface

Built-in hands free

- Electric omnidirectional microphone
- Speaker 8 Ohm 0.5 Watt

Security

- AES encryption standard 128 bit for multimedial streams, H.235 (H.323), MD5 (H.323), Digest MD5 (SIP)
- NIST (National Institute of Standards & Technology) certified

Advanced Services

- Built-in LDAP Server

Add-Ons

- Internet Web Browser
- Feed RSS
- Email Client
IMAP, POP3
- Multi-Protocol Instant Messaging Manager compatible with: Windows Live™ Messenger, Google™ Talk, Yahoo™ MSG, IRC
- File Manager
- Photo Viewer supported format: wbmp, jpg, ani, bmp, gif, ico, pcx, png, pnm, ras, tga, xbm, tif, xpm, svg

Telephony Features

- Audio & Video Privacy
- Auto-Reply
- In-band DTMF
- LDAP Compatible Address book
- Virtual lines selection
- Last Number Redial
- Call Logging
- Call profiles
- Supplementary Services:
call hold
call forward
call transfer

Web Management

All configuration, call, diagnostics and management functions are accessible using the following web browsers: Microsoft® Internet Explorer™, Netscape Navigator™

Remote Diagnostics and Management

	Local	Web Browser	SNMP
Self test	Yes	Yes	Yes
Diagnostics	Yes	Yes	Yes
Configuration	Yes	Yes	Yes
Call	Yes	Yes	Yes
Error tracking	Yes	Yes	Yes

Power Supply

- 100-240 Vac 50-60 Hz 1.0 A Max
- Power Over Ethernet (IEEE 802.3af) (Software option)

Dimensions

• MAIA XC TOP		
Width	30.3 cm	(11.93")
Height	23 cm	(9.05") camera closed
	28 cm	(11.02") camera open
Depth	10 cm	(3.93")
Weight	1.950 Kg	(4.31 lbs)

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