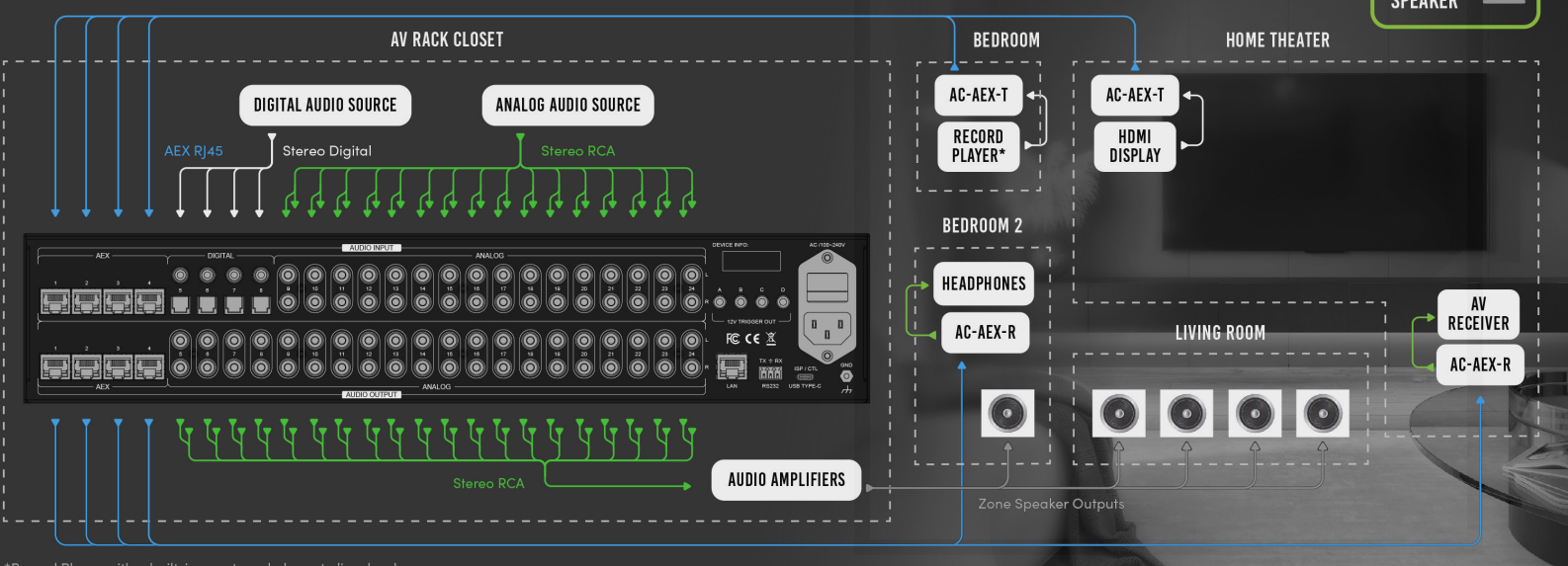# 2CH Audio Matrix
AC-MAX-24

The AC-MAX-24 two-channel audio matrix switcher is designed to enable integrators to address distributed audio requirements for digital and analog user experiences, whether in house-wide residential applications or complex-wide commercial installations, when partnered with multi-channel amplifiers from any preferred manufacturer. The highly intuitive AVPro Edge engineered GUI and comprehensive API directly connect you with unrivaled ease into a completely customizable signal routing environment, plus the AC-MAX-24 also features third-party IP-controllability by automation systems such as Crestron, Control4, Elan, Savant, URC and more, giving new weight to the word flexibility.

AVPro edge
AC-MAX-24

HOME APPLICATION DIAGRAM

TOSLINK
CAT CABLE
RCA
SPEAKER

AV RACK CLOSET

BEDROOM

HOME THEATER

DIGITAL AUDIO SOURCE

ANALOG AUDIO SOURCE

AC-AEX-T

AC-AEX-T

AEX RJ45   Stereo Digital   Stereo RCA

RECORD PLAYER*

HDMI DISPLAY

BEDROOM 2

HEADPHONES

AC-AEX-R

LIVING ROOM

AV RECEIVER

AC-AEX-R

Stereo RCA

AUDIO AMPLIFIERS

Zone Speaker Outputs

*Record Player with a built-in or external phono to line-level preamp

PRODUCT SPECIFICATIONS

AUDIO

FREQUENCY RESPONSE	20-20 KHZ
ANALOG INPUT VOLTAGE	0.8 VRMS, 2.3 VP-P
ANALOG OUTPUT VOLTAGE	1.5 VRMS, 4.4 VP-P
DIGITAL	2 CHANNEL PCM
SUPPORTED SAMPLE RATES (KHZ)	32, 44.1, 48, 88.2, 96, 176, 192
LATENCY	≤60 MILLISECONDS
MUTE	AVAILABLE ON ALL OUTPUTS

AUDIO INPUTS

AEX AUDIO	4
RCA	16
DIGITAL TOSLINK	4
DIGITAL COAXIAL	4

AUDIO OUTPUTS

AEX AUDIO	4
RCA	20

CONTROL

INTERFACES	RS-232, IP/LAN

ADDITIONAL CONNECTIONS

IN-SYSTEM PROGRAMMING	USB TYPE C
12V DC TRIGGER OUTPUT	4

POWER

TOTAL POWER CONSUMPTION	50 WATTS MAXIMUM
AC POWER	100-240 VAC

DIMENSIONS

HEIGHT X WIDTH X DEPTH (STANDALONE UNIT)	MILLIMETERS: 88 X 440 X 234.95 INCHES: 3.5 X 17.5 X 9.25
HEIGHT X WIDTH X DEPTH (PACKAGED UNIT)	MILLIMETERS: 172 X 578 X 375 INCHES: 6.75 X 22.75 X 15
WEIGHT (STANDALONE UNIT)	8.7 LBS (3.95 KG)
WEIGHT (PACKAGED UNIT)	11.9 LBS (5.4 KG)
RACK SPACE	2U

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. MASS AND DIMENSIONS ARE APPROXIMATE.

The unadorned front panel is free of buttons or connection points deferring to a simple IR receiver as the only sign of the AC-MAX-24's ready-for-business demeanor. Twenty-four total inputs may be directed to twenty-four total outputs, individually or in custom configured groupings (non, two-channel digital signals are not downmixed). Rear top-panel facilities tout 20 analog input pairs and two dual Coaxial/Toslink digital inputs, plus the two AEX convertible receivers. All inputs may be sent to the bottom row complement of 22 analog output pairs and the two convertible AEX transmitters, individually or in custom configured groupings. Four 12V triggers may be used to awaken amplifiers or for custom events.

FULL FEATURE SET

- Twenty Analog input pairs

- Two Coaxial/Toslink Digital inputs

- Two AEX analog/digital convertible input receivers (AC-AEX-T required/not included; 130M via STP)

- Twenty-two Analog output pairs

- Two AEX analog/digital convertible output transmitters (AC-AEX-R required/not included; 130M via STP)

- Four 12V output triggers

- Comprehensive API adjustments for all audio parameters

- AVPro Edge-engineered easy-to-use GUI for signal routing

- IP-controllable by all major automation systems

- Amplifier agnostic

- AVPro Edge 10-year, hassle-free warranty