

Acoustics | Clocks | Evacuation



Virtuoso

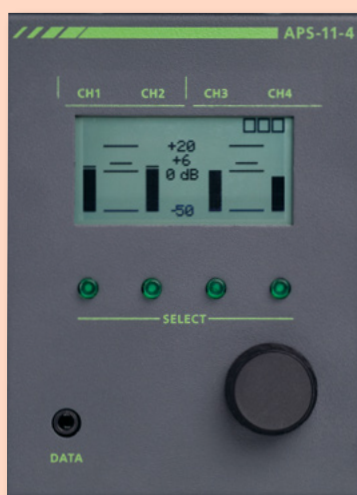
APS®-ARIA family – the modular range for audio experiences in every dimension



APS[®]-ARIA family

PERFECTED ADAPTABILITY WITH **ADVANCED REFERENCE**

THE MODULAR RANGE FOR THE APS[®]-APROSYS S



INPUT MODULE APS-11-4

The 4-channel DSP input module has four line or microphone input channels. Each respective microphone can be easily adjusted by means of defined parameters. Pre-amplification and volume can be individually controlled using the buttons and rotary knob.

For churches, gyms and halls



SYSTEM MODULE APS-46.1-EQ-RC

The APS-46.1-EQ-RC ARIA system module enables you to perfectly adapt your audio equipment to the prevailing acoustic conditions and number of listeners. Halls which can be subdivided can have separately configured sound systems in each space.

For churches, gyms, halls, conference rooms and shopping centres



DIGITAL AMPLIFIER BO-CD-100-4

The EV version of this digital amplifier is suitable for voice evacuation systems in large environments. This is made possible by the digital processing.

The digital 4-channel DSP amplifier has two different sound profiles, one of which can be preset to two different levels.

For churches, shopping centres and

ENHANCEMENT OF INTELLIGENT ACOUSTICS

SYSTEM

OUTPUT MODULE APS-33-4

You can connect up to eight 4-channel DSP output modules per APS® system. It is possible to set two different volume levels for speech and music on each of the module's four independent output channels.

A quadruple digital delay of 4×0.5 seconds is available as an optional add-on.

For large spaces (cathedrals), tunnels and railway stations



4-EV

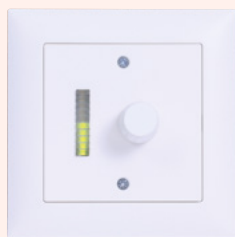
Compact multiple amplifier is the ideal solution compliant with EN 54-16 in complex spatial through innovative DSP technology.

has 4 independent output channels, each with two different volume levels for speech and music.

and conference rooms

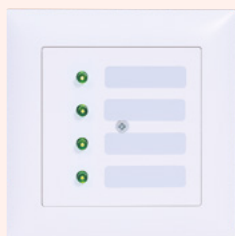
REMOTE CONTROL UNITS

Easy operation of complex systems. Up to 15 remote control modules can be connected via a cable with a maximum length of 250 m. You can allocate up to 255 functions (sectors) to the buttons and IOs. The digital volume controllers can be allocated either singly or to a maximum of seven groups.



REMOTE CONTROL MODULE GM-7420

The volume remote control allows you to operate either seven groups or four channels. The volume of groups of microphones or sections of the audience can be easily adjusted via the respective volume controllers.



REMOTE CONTROL MODULE GM-7421

The 4-button configurable module is available in various finishes, e.g. Edizio or Gira. It is possible to connect two inputs and outputs respectively on the back of the module.

The four individually configurable buttons and IOs can be used for other functions such as:

- selection of music programme
- selection of input channels, e.g. microphone or music sources
- configuring delays or equalizers
- controlling other devices e.g. door opening systems



MEDIA CONTROL INTERFACE GM-7429 BRIDGE

Professional systems frequently rely on RS232 interfaces for their media control systems. The complex functions of the APS® system, such as volume or control contacts, can be initiated via the module's media control system.

The GM-7429-BRIDGE connects the media control system and the RC16 system bus.



MAXIMUM FUNCTIONALITY

Every module in our ARIA family offers a comprehensive package of top features for professional use in demanding acoustic environments. Suitable for applications in shopping centres, catering, offices, churches, schools and universities, sports centres, hospitals and care homes.

EVERY ARIA MODULE IS EQUIPPED WITH THE FOLLOWING FUNCTIONS:

Functions

- Delay: Adjustable delay up to 122 ms – for distances up to 40 m.
- Option Long Delay (LD): Up to 14.5 seconds delay – this correspond a distance of about 4.8 km.
- Level: two different adjustable volume levels.
- Equalizer: Emphasises or attenuates certain frequencies, e.g. to increase intelligibility or to suppress unwanted frequencies.
- Dynamics: Increases quiet sounds, suppresses signal noise, compresses, limits sound levels.

Channels

The functions can be processed on 4 independent channels simultaneously.

16 Presets

All audio functions can be saved and retrieved again in an instant. The settings can be saved as a template and re-used for new projects.

Module Handling

Settings can be conveniently saved and retrieved in DSP.

Live Modus

The settings can be auditioned and adjusted in real time.

High-pass filter

The high-pass filter can reduce the load on amplifiers and audio transformers.

Individual sound modelling

Frequency ranges can be individually increased or attenuated (adjusted according to the space or personal equalizer preferences).

Remote Control

Remote volume control via RC16 interface on the rear panel. The interface is suitable for other remote controls (Crestron etc.).

Shadow Volume

Separate volume setting for example for announcements (switchable).

Configuration

To operate the APS-46.1-XX an APS-990-EQ module is required.

Rear panel outputs (APS-46.1-XX/APS-33-4)

On the rear panel there are four symmetrical 0 dB outputs for amplifiers which can be used for example the control of various zones.