

AUDIO PROCESSING CONTROL PROCESSING ENDLESS PAGING

AUDIOCONTROL12.8

AUDIOCONTROL12.8 is unique on the market thanks to its combination of audio processing, control processing and endless paging possibilities. It's your all in one audio and control center for small and medium sized applications at a very competitive price! 12 inputs, 8 outputs and an integrated real time task scheduler allow you to perform a variety of tasks of choice that implicate the **AUDIOCONTROL12.8** is suitable for any project. **AUDIOCONTROL12.8** has an extremely installer-friendly graphical installer interface (GI) that makes it possible for every integrator to configure this Apart flagship. The digital paging possibilities are endless and we are proud that it is designed by Audioprof in Belgium and manufactured in Europe!

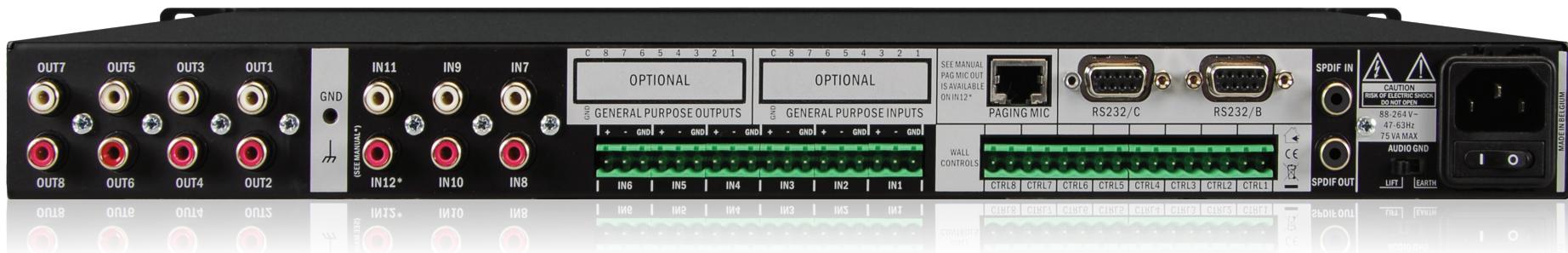


FEATURES

- ☰ The AUDIOCONTROL12.8 controls much more than your audio! You can have different sound sources in different zones at various volume levels, do selective paging and on top of that control other devices as well. Briefly; your all in one audio and control center!
- ☰ On the input you can adjust the gain, EQ and dynamics. All balanced inputs have multiple analogue gain settings and selectable phantom power.
- ☰ The AUDIOCONTROL12.8 is blazing fast! Only 0.0012 seconds propagation delay from in to out.
- ☰ The AUDIOCONTROL12.8 has a real time clock built in. This makes event scheduling possible so you can decide when the school bell has to ring, when the advertisement has to be heard in the supermarket or when a series of RS232 control strings has to be send to other devices. The automation possibilities are unlimited.
- ☰ The AUDIOCONTROL12.8 uses a fixed architecture DSP platform meaning that the audio path has the same fixed flow for all inputs and outputs.
- ☰ When you want to use the all call (DIMIC1) or selective paging microphone (DIMIC12), the chime to announce paging calls is built-in and can easily be programmed.
- ☰ Dimensions: 483 (w) x 44 (h) x 310 (d) mm

CONTROL

- The AUDIOCONTROL12.8 allows you to control all the audio settings of the inputs connected to the unit and all settings of the output zones. In that way you can optimize the output to your amplifier and speaker system so that the sound experience matches the room acoustics.
- On top of that you can also control other devices via the RS232 serial ports. You can for example program some buttons of the paging microphone to function as PLAY - PAUSE - STOP button from the PC1000R / PCR3000R media player or PR1000R / PR4000R RDS digital tuners. Of course this function isn't limited to Apart products. Flexible as we are at Apart, you can control functions of any product that has a serial port.
- Via the Graphical Installer Interface (GII) you can easily store or record and recall a series of commands (Macro) so that you can create presets e.g. during weekdays you want your sound system to function at background music but on Friday and Saturday evenings you want your sound system to be at dance level. With a simple push of a button you can activate subwoofers and change the signal path and DSP sound settings.



INPUTS & OUTPUTS

- The AUDIOCONTROL12.8 has 12 analogue inputs. 6 of them are on balanced euroblock and have a complete microphone pre-amplifier available. The other 6 are on RCA.
- 1 digital stereo SPDIF input and output is also available.
- The 8 line RCA outputs can be configured via the GII to be mono, stereo, 2.1, stereo 2-way or mono 2-way.
- On the front panel the RS232 serial port allows an easy configuration of the AUDIOCONTROL12.8.
- The two RS232 serial control ports on the rear panel allow you to control other devices.
- For each zone you have crossover settings, EQ and dynamics (limiter, compressor, compandor, automatic level control and gate).
- Via the RJ45 connector you can connect up to 120 paging stations.
- A total of 8 digital wall controls (DIWAC) can be connected by using a two wire cable.
- Future option pack (to be launched later in 2013).



Corporate



Retail

Foodservice
& Hospitality

COMPATIBLE MICROPHONES & EXPANSIONS

DIMIC12



- ☰ The DIMIC12 is a fully programmable control and paging station. Each button of the DIMIC12 can be configured and it is you who decides what each button does.
- ☰ The DIMIC12 has a flexible dynamic microphone and the high quality microphone capsule guarantees a high intelligibility.

- ☰ Each button can be assigned to:
 - Page zones individually or page a group of zones.
 - Control some audio functions like volume up/down, mute a zone, source selection.
 - Control functions: trigger pre-programmed macros or functions of other serial controlled devices (e.g. play - pause - stop - next - previous of the PC1000R media player or other serial controlled devices).
- ☰ The robust and heavy weight design of the base is ideal for table top use. The base can also be mounted to the wall.
- ☰ During configuration you can decide if the call buttons are latching, non latching or a timed call button (e.g. after pushing the button, the MIC is activated for 25 sec.). In the GII you can also decide if paging groups must be kept or removed after each paging.
- ☰ Via the RJ45 connector you can connect up to 120 paging stations to the AUDIOCONTROL12.8. In case more than 8 DIMICS are connected, you need to use an optional external 24V power supply.

DIMIC12S



- ☰ This is an expansion panel for the DIMIC12 and it provides you with 12 extra buttons.
- ☰ Each button can be assigned to:
 - Page zones individually or page a group of zones.
 - Control some audio functions like volume up/down, mute a zone, source selection.
 - Control functions: trigger pre-programmed macros or functions of other serial controlled devices (e.g. play - pause - stop - next - previous of the PC1000R media player or other serial controlled devices).



Sports
& Leisure



Outdoor



Education
& Religion

THE APPLICATIONS
ARE SOLELY LIMITED
BY YOUR CREATIVITY

WALL CONTROL PANEL

DIWAC



- ☰ You can connect up to 7 pieces of the DIMIC12S to one DIMIC12. In that way you can have up to 96 assignable buttons per paging station. Talking about flexibility!
- ☰ In a very simple way, the DIMIC12S is connected to the DIMIC12.

DIMIC1



- ☰ Easy to use paging station with single call button.
- ☰ Programmable operation.

- ☰ Fully configurable wall control panel.
- ☰ The DIWAC can control audio and control functions (e.g. source selection, volume up/down or can even be a macro trigger).
- ☰ Use the select UP/DOWN buttons to select functions, the +/- buttons to enable or disable functions or to bring the volume up or down.
- ☰ Connecting the DIWAC can't be easier as it is done via a 2 wire cable. You don't even need to care about the polarity.

GII12.8



- ☰ GII12.8 is a PC based interface for configuration of the AUDIOCONTROL12.8. The setup is so easy that every integrator is able to program it.
- ☰ Via the GII12.8 you can do the entire configuration of the AUDIOCONTROL12.8 and the programming of the functions of the other devices you want to control via the serial ports.
- ☰ The audio monitor allows you to listen to the audio, no matter where you are in the signal path.
- ☰ Once you have entered all settings, you can make a printout so that the installer knows exactly where to connect which sound source and zone amplifier.
- ☰ The configuration can be saved on your computer. In that way you can copy it easily to other devices and you always have a backup at hand.