

Cloud
Clearly better sound

Products and Accessories Catalogue

2010 V2

Cloud
Clearly better sound

Cloud Electronics Limited
140 Staniforth Road
Sheffield S9 3HF England

Telephone: +44 (0)114 244 7051
Fax: +44 (0)114 242 5462

www.cloud.co.uk

E-mail: info@cloud.co.uk

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Clearly better sound



For well over three decades Cloud has led the field in high-quality commercial audio systems. Over this time the world's most prestigious and respected brand names have turned to us without question, again and again.

Blue-chip brands from the world of high street retail. International hotel chains. Museums, entertainment venues, health and fitness centres: they all choose Cloud. The reason? Together we share an uncompromising commitment to excellence. We understand the importance of reliability in our respective enterprises. We know that quality pays for itself in the end, many times over.

Our clients value clear and faultless sound that is easily managed and consistently trouble free. Cloud enjoys a worldwide reputation for delivering exactly that, a reputation won almost entirely through word of mouth. Performance over time is the only benchmark, and we set that benchmark. All of our products are backed with a five-year guarantee.

What sets us apart? A four-stage process that guarantees outstanding reliability and performance:

We design for reliability.

The most important stage is the original design integrity. Cloud designs all its products from the principle of reliability first. Over everything. It's of no use having outstanding sound and industrial build if it fails within six months. Dependability and excellence must be one and the same. We design our products for specific tasks, and we call on many years of experience from real-life installations in order to execute this design work appropriately and effectively. Our in-house research and development team doesn't cut corners. It shows. Over time.



Component choice.

We're meticulous. We choose the best for the job – it's common sense if you're designing for reliability and quality to back it up with the right components. There may be hundreds to choose from. We've tested them all. And we pick the ones we know won't let us down. No weak links, no breakdowns, no errors, no awkward silences, no expensive service call-outs.



Mechanical and electrical testing.

Every single product, when it is being assembled, is put through a stringent range of audio precision tests. Using exacting test equipment and following precise engineer designed scripts, Cloud's experienced test engineers put every product through lengthy electrical and mechanical tests before passing for Sound Testing.



Sound testing.

Once assembled, we then put every single product through extensive sound testing, with people trained to know how to spot the most subtle of defects, often professionals from the field in which the equipment will be used. This is to say we listen to everything we make, turn every switch and push every button. Nothing leaves our facility in Sheffield without working 100%. And ready to carrying on doing so for years.

DCMI : Digitally Controlled Mixer

8 stereo line inputs, 4 MEI inputs plus paging mic, 8 balanced outputs (2 stereo plus 6 mono)



General Description

- 8 stereo line inputs (1 balanced)
- 8 balanced line outputs (2 stereo + 6 mono)
- 4 dedicated ports for optional remote line input modules
- 4 dedicated ports for optional remote mic input modules
- Mic paging to all zones with fully programmable override logic
- Separate analogue paging mic input with contact closure zone selection
- Separate RJ45 interface for CDPM Series digital paging microphones
- Supports multiple CDR-1 Remote Controls (optional) in any wiring configuration
- CDR-1 provides local control of source, level, EQ and group enable
- 2 x 16 character LCD dot-matrix display (both DCM-I and CDR-1)
- 4 definable zone groups
- Any line input may have priority in any zone; operation also configurable per-zone
- Key-protected "Installer" mode (both DCM-I and CDR-1) prevents user access to configuration menus
- Inputs, zones and groups can be named
- RS232 interface for control by third-party control systems
- Front-panel LEDs confirm remote access
- Accepts Bose® EQ cards
- No PC required
- Multiple DCM-I's may be cascaded for larger systems
- External Music Mute input for interfacing with emergency systems
- Any input (mic or line) may be assigned as Emergency Input, overriding Music Mute
- 2U 19" rack-mounting unit

Accessories

CDR-IF		The CDR-1 & CDR-IF are remote control units specifically designed for use with the DCM-I. CDRs may be fitted to standard electrical back boxes in whatever location is convenient in each zone.
CDR-I		Any zone may have one CDR, more than one, or none at all. The DCM-I can support up to 100 CDRs. CDRs are interconnected with just one standard CAT-5 UTP cable; units may be daisy-chained at will and/or connected individually back to the DCM-I's four CDR ports using almost any wiring topology convenient for the installation.
LE-I		The LE-I is an input connector plate which can be installed wherever required. Versions are available to fit standard UK, US or Australian dual-gang electrical back boxes. It allows connection of a stereo unbalanced line-level audio source, such as a portable music centre, laptop, radio mic receiver or similar; and connects to one of the DCM-I's Extension Ports with a single screened CAT-5 cable.
ME-I		The ME-I input connector plate provides two balanced microphone inputs, and is useful in multi-purpose areas where mics are sometimes needed. The ME-I has adjustable mic level and EQ per input, and connects to one of the DCM-I's four dedicated Mic Inputs with a single screened CAT-5 cable. The ME-I's two inputs are mixed together at the plate, and the summed mic signal applied to the DCM-I.
BE-I		The BE-I is an input connector plate of similar type to the LE-I. It provides a stereo balanced line-level input, permitting professional audio equipment such as mixing consoles, DI boxes or broadcast equipment to be connected. Like the LE-I, it connects to one of the DCM-I's Extension Ports with a single screened CAT-5 cable. BE-I's may be daisy-chained in the same way as LE-I's, and the two types of plate may be intermixed.

Z4II : Four Zone Venue Mixer

6 music inputs, 2 mic inputs plus paging mic, 4 x facility inputs, 4 output zones



General Description

- Four zone mono mixer
- CDPM paging mic with chime available
- 6 line inputs with preset gain controls
- Line 6 priority, can be selected on a zone by zone basis
- Facility input available on all zones
- Accepts active modules DM-I and LM-I
- Music level and source selection with remote control RSL-6 (or RL-1 for remote level only) per zone
- 2 mic inputs with volume controls on front panel
- Input for paging mic with priority and zone selection
- Separate EQ for mic and music
- All mics have priority over music
- Optional equaliser modules for Bose® loudspeakers can be fitted to any zone

Accessories
(see pages 15/16 for details)



Z8II : Eight Zone Venue Mixer

6 music inputs, 2 mic inputs plus paging mic, 8 x facility inputs, 8 output zones



General Description

- Eight zone venue mixer
- CDPM paging mic with chime available
- 6 line inputs with preset gain controls
- Line 6 priority, can be selected on a zone by zone basis
- Facility input available on all zones
- Accepts active modules DM-I and LM-I
- 2 mic inputs with volume controls on front panel
- Music level and source selection with remote control RSL-6 (or RL-1 for remote level only) per zone
- Input for paging mic with priority and zone selection
- Separate EQ for mic and music
- All mics have priority over music
- Optional equaliser modules for Bose® loudspeakers can be fitted to any zone

Accessories
(see pages 15/16 for details)



CX163 : 2 Zone Stereo Mixer with Mono Utility Output

6 stereo line inputs, 1 mic input, 2 stereo output zones plus mono utility output



General Description

- Two zone stereo mixer with mono utility output
- Both stereo zones can be configured to run as mono
- Utility output is constant 0dB
- Utility music source selectable via internal jumper
- 6 stereo line inputs
- Line 6 priority over other input sources in zone 1 only
- Remote music mute
- Microphone access contacts for paging to all 3 zones
- 100Hz high pass filter on all microphone inputs
- Two band microphone EQ
- Remote level control in each zone using RL-1
- Front panel controls give microphone level, music source select and volume
- EQ card option

Accessories
(see pages 15/16 for details)



CX261 : MP3 Zone Mixer

6 stereo line inputs, 2 mic input, 3 output zones (1 stereo 2 mono)



Without security cover

General Description

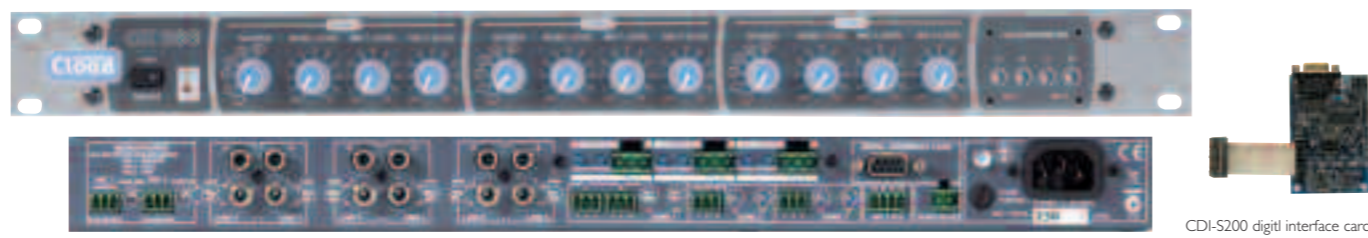
- 1 stereo zone
- 6 stereo line inputs
- 6 priority over other input sources in all zones
- Remote music mute
- Paging microphone access
- Microphone over music priority
- Front MP3 Input socket
- Music on hold output
- Two band microphone EQ
- 100Hz high pass filter on all microphone inputs
- Two band music EQ on the rear panel
- Front panel gives Mic 1 level, Mic 2 level, music level and music source selection controls
- Optional equaliser modules for Bose® loudspeakers can be fitted to either stereo output

Accessories
(see pages 15/16 for details)



CX263 : 3 Zone Mixer

6 stereo line inputs, 2 mic input, 3 output zones (1 stereo 2 mono)



Without security cover

CDI-S200 digitl interface card

General Description

- 1 stereo zone and 2 mono zones
- 6 stereo line inputs
- 6 priority over other input sources in all zones
- Remote music mute
- Paging microphone access for Mic 1 only
- Microphone over music priority
- Two band microphone EQ behind front panel facia
- 100Hz high pass filter on all microphone inputs
- Two band music EQ per zone on the rear panel
- Front panel gives Mic 1 level, Mic 2 level, music level and music source selection controls
- Optional equaliser modules for Bose® loudspeakers can be fitted to any output
- Optional CDI-S200 serial interface module using RS232 to control music (shown above installed)

Accessories
(see pages 15/16 for details)



CX462 : Audio System Controller

6 music inputs (1 stereo output), 4 mic inputs (1 mono output)



Without security cover

CDI-S100 digitl interface card

General Description

- Independent music and microphone sections
- 6 line inputs with preset gain controls (music section)
- Line 6 can be configured for priority (music section)
- Music level and source selection with remote control
- HF and LF equalisation (music section)
- Mic signals can be routed to music section
- Individual HF and LF controls (microphone section)
- Single parametric equaliser (microphone section)
- 150 Hz High pass filter
- Selectable priority for Mic 1
- Optional CDI-S100 serial interface module using RS232 to control music

Accessories
(see pages 15/16 for details)



46/50 : Four Zone Integrated Mixer Amplifier

6 music inputs, 2 mic inputs (1 paging), 1 facility input plus 1 aux. output, 4x 50W amplifiers



Without security cover

Accessories
(see pages 15/16 for details)



General Description

- Four zone mixer/amplifier
- 4 x 50W with dynamic clip limiters on every zone
- Mic 1 priority over Mic 2
- Line 6 input priority (zone 1 only) with adjustable release time
- 6 line inputs, 2 mic inputs with voice operated priority over the mic
- Music level and source selection with remote control RSL-6 (or RL-1: level only)
- Facility input (zone 1 only) for active modules DM-1/LM-1
- Amplifier link feature when used on 2-zone or 3-zone systems
- Dedicated CDPM paging mic with chime available
- Optional equaliser modules for Bose® loudspeakers can be fitted to any zone
- 2 x Aux outputs
- Optional 4 x 40W 100V or 70V internal module (CXL-4160)
- Remote music for Fire Alarm interface
- Installer settings behind anti-tamper panel
- Forced cooling by vari-speed fan

36/50 : Integrated Two Zone Plus Utility Mixer Amplifier

6 music inputs, 1 mic or paging mic input, 3 x 50W (1 utility) amplifiers



Accessories
(see pages 15/16 for details)

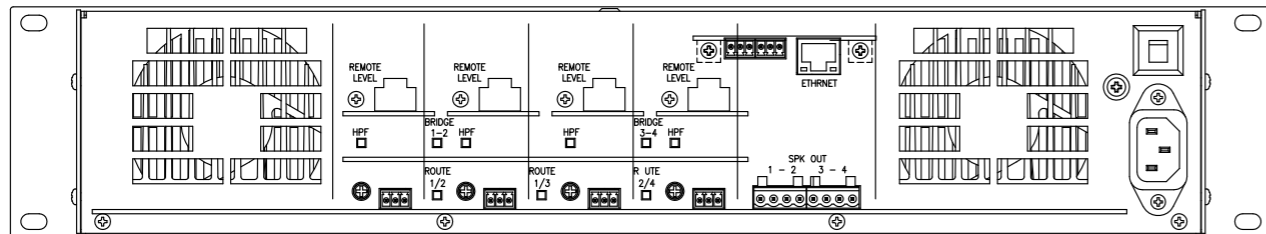
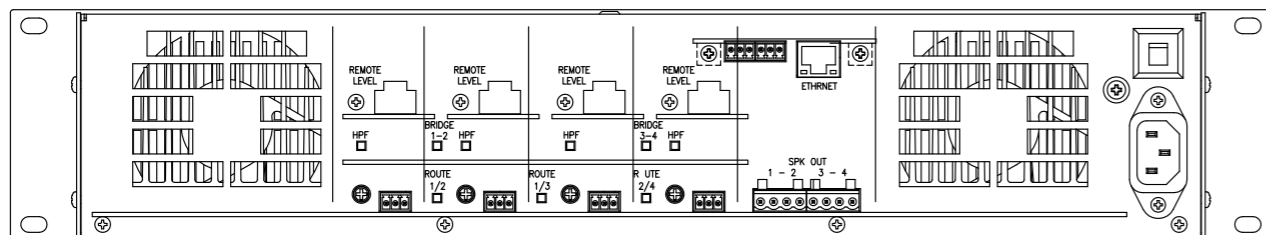
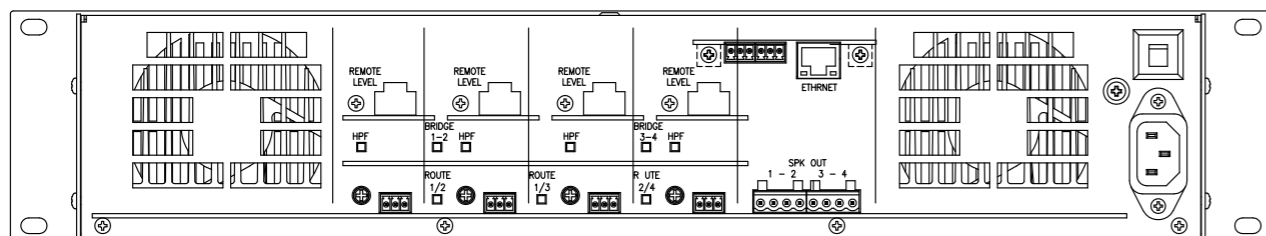


General Description

- Two zone mixer/amplifier with utility output
- 6 line inputs, 1 mic input with paging options for zone 1, zone 2 and utility output
- Music level and source selection with remote control RSL-6
- 3 x 50W for zone 1, zone 2 and utility output with dynamic clip limiters on every amplifier
- 50W utility amplifier can provide zone 1 with 100W
- Optional 3 x 40W 100V or 70V internal module (CXL-3120)
- Separate EQ for music and mic signals
- Optional equaliser modules for Bose® loudspeakers can be fitted to any output (with adaptor)

VTX4120, VTX4240 & VTX4400 Multi Channel Amplifier

4 Channel power amplifiers, in 4 x 120W, 4 x 240W & 4 x 440W (optional web monitoring & surveillance card)



General Description

- 4x120W, 4x240W and 4x400W into 4 ohms
- Extensive protection against short-circuit and reactive loads, clipping, DC and overheating
- Optional VTX-WMI card allows amplifier monitoring from any web browser
- Per-channel, front-panel LEDs for power status, signal presence, peak level and protection
- Balanced line level inputs with gain trim
- Input routing switches
- Bridge mode switches
- Per-channel switched hi-pass filter (18 dB/oct below 65 Hz)
- Forced-air cooling
- Compatible with RL-1 remote volume control
- Optional Bose® EQ cards available
- 2U 19" rack-mounting unit

Accessories
(see pages 15/16 for details)



Shipping
July/Aug
2010

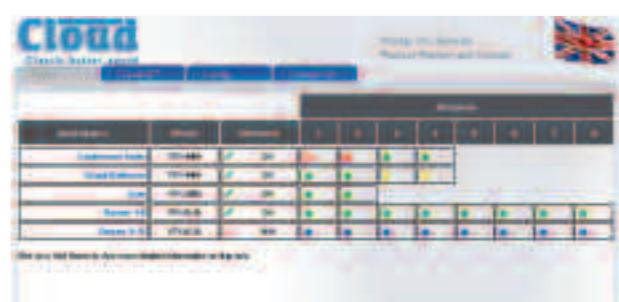


The VTX-WMI web monitor card is a retrofit option for Cloud's new VTX power amplifiers. The VTX-WMI has a standard Ethernet interface, and connects to the building's existing IT network. It allows the amplifier's performance and settings to be monitored at a remote location using any computer (or PDA, smartphone, etc.), via its normal Internet browser application. No dedicated software application or hardware is necessary.

As well as checking the integrity of the amplifier, the VTX-WMI generates a test signal for the load impedance test, at one or more user-definable frequencies. The system can also be configured to generate an email report (optionally formatted for SMS text forwarding) if the VTX detects a fault condition. (Assumes the necessary Internet connection and email account are established.)

- Optional Ethernet interface for Cloud VTX power amplifiers, allows remote monitoring of amplifier status from any computer, anywhere
- Operates with any web browser – no dedicated software necessary
- Uses standard network protocols, not Audio over Ethernet; can be used on an existing IT infrastructure
- Simple and intuitive user interface
- Easy to set up
- Monitors internal temperature, signal level, PSU status, protection circuitry and fans
- Confirms all amplifier rear panel control settings
- Checks load impedance on demand, or at scheduled times, using user-defined frequency
- Real-time clock for event logging
- User-definable polling interval
- Automatic email or SMS text alert on pre-defined fault condition

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WMI web interface homepage showing a summary of the information from each unit available to the site host.



Configuration page for a specific unit which allows access to network and timing information.



Configuration page for the overall site information.



Current known status of a specific unit on the site.



Scheduling page for impedance/load testing on channels of a unit. Audio throughput is interrupted for the duration of the test.

CXV225 : 100V Line Amplifier

2 x 250W @ 40 Ohms, 100V line amplifier



General Description

- 2 x 250W
- Transformer-less topology
- EQ card option
- VCA option
- Vari-speed fan
- Clip, signal present and protect LEDs
- Input routing switch
- Variable high-pass filter (20Hz - 200Hz)
- Clip limiter
- Switch on delay
- Thermal protection
- DC offset protection

Accessories
(see pages 15/16 for details)



CXV425 : 100V Line Amplifier

4 x 250W @ 40 Ohms, 100V line amplifier



General Description

- 4 x 250W
- Transformer-less topology
- EQ card option
- VCA option
- Vari-speed fan
- Clip, signal present and protect LEDs
- Input routing switch
- Variable high-pass filter (20Hz - 200Hz)
- Clip limiter
- Switch on delay
- Thermal protection
- DC offset protection

Accessories
(see pages 15/16 for details)



MA60

4 music, 1 mic input, 60W @ 4 Ohms or 100V/70V/50V line output transformer (option)



General Description

- Four-input mixer-amplifier with integral 60 W mono power amplifier
- 100V/70V/50V line output transformer (option)
- Built-in digital music player supports MP3 and WMA files at all standard data rates/sample frequencies (MA60 Media only)
- Gain trims on all inputs
- Electronically-balanced mic input
- Front panel control of music source/level and mic level
- 3.5 mm jack input (LINE 2) for MP3 player, laptop, etc.
- Overall HF & LF EQ adjustment
- Short-to-ground access connector or VOX-triggered paging on mic input
- Selectable LINE 4 priority over other music inputs



MA60 Media

4 music, 1 mic input, 60W @ 4 Ohms or 100V/70V/50V line output transformer (option)

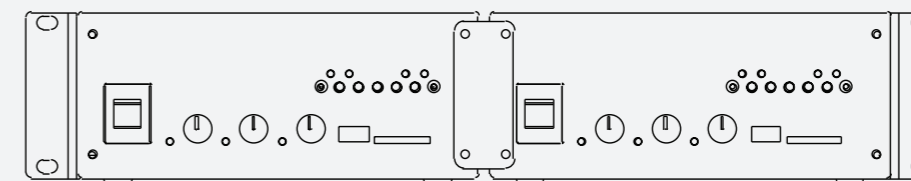


- Music Mute control input (NO or NC) for interface to emergency system
- Compatible with standard Cloud remote control panels – RL-1 (music level) and RSL-4 (music level and source selection)
- Electronically-balanced pre-amp output
- Transformer-isolated auxiliary output with independent mic and music level control - for use with telephone MOH systems
- Aux output source selection (internal jumper) - fixed source or follow main output
- 19" rack mounting kit option for 1 x MA60 (RE-L)
- 19" rack mounting kit option for 2 x MA60 (RE-L)

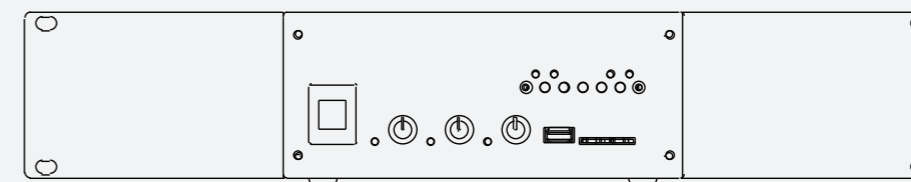
Accessories
(see pages 15/16 for details)



Rack Kit Option



19" rack mounting kit option for 2 x MA60 (RE-S)



19" rack mounting kit option for 1 x MA60 (RE-L)

MPA60 : General Purpose Mixer Amplifier

6 music inputs, 4 mic inputs, 60W RMS output into 4 Ohms or 25/70/100V



General Description

- 6 Line inputs, stereo inputs summed to mono
- Line inputs via RCA phono's with input gain controls adjacent to connectors
- Source select via front panel rotary selector or remotely via RSL6
- Line input level via front panel control or remotely via RL1 or RSL6
- Line 6 priority selectable by internal jumper; release time 3s/6s/12s selectable by internal jumper
- Music EQ by tamperproof LF & HF presets on rear panel.
- 4 Microphone Inputs, low impedance balanced via phoenix style connectors
- Microphone EQ by tamperproof LF & HF presets on rear panel
- 100Hz HP dedicated filter on Microphone inputs
- Phantom power selected by internal jumper for each microphone
- Limiter dedicated to microphone inputs
- Mic 1 has access triggered priority over Mics 2 – 4
- All mics have VOX priority over music signals, providing 30dB of attenuation (on/off by jumper)
- Integrated chime triggered by access control of Mic 1 (on/off by jumper and level by internal preset)
- Compatible with Bose® SeriesIII EQ Cards
- Remote Music Mute configurable for NO or NC operation
- Overall "Peak Limiter" with LED indication on front panel

Accessories
(see pages 15/16 for details)



Amplifier features:

- 63Hz HP Filter for 25/70/100V operation
- Variable speed fan cooling
- Switch on delay
- DC protection
- IV Limiting
- 2U Rack chassis fitted with removable rack ears

MPA240 : General Purpose Mixer Amplifier

6 music inputs, 4 mic inputs, 240W RMS output into 4 Ohms or 25/70/100V



General Description

- 6 Line inputs, stereo inputs summed to mono
- Line inputs via RCA phono's with input gain controls adjacent to connectors
- Source select via front panel rotary selector or remotely via RSL6
- Line input level via front panel control or remotely via RL1 or RSL6.
- Line 6 priority selectable by internal jumper; release time 3s/6s/12s selectable by internal jumper
- Music EQ by tamperproof LF & HF presets on rear panel
- 4 Microphone Inputs, low impedance balanced via phoenix style connectors.
- Microphone EQ by tamperproof LF & HF presets on rear panel
- 100Hz HP dedicated filter on Microphone inputs
- Phantom power selected by internal jumper for each microphone.
- Limiter dedicated to microphone inputs
- Mic 1 has access triggered priority over Mics 2 – 4
- All mics have VOX priority over music signals, providing 30dB of attenuation (on/off by jumper)
- Integrated chime triggered by access control of Mic 1 (on/off by jumper and level by internal preset)
- Compatible with Bose® SeriesIII EQ Cards
- Remote Music Mute configurable for NO or NC operation
- Overall "Peak Limiter" with LED indication on front panel

Accessories
(see pages 15/16 for details)



Amplifier features:

- 63Hz HP Filter for 25/70/100V operation
- Variable speed fan cooling
- Switch on delay
- DC protection
- IV Limiting
- 2U Rack chassis fitted with removable rack ears.

MPA120 : General Purpose Mixer Amplifier

6 music inputs, 4 mic inputs, 120W RMS output into 4 Ohms or 25/70/100V



General Description

- 6 Line inputs, stereo inputs summed to mono
- Line inputs via RCA phono's with input gain controls adjacent to connectors
- Source select via front panel rotary selector or remotely via RSL6
- Line input level via front panel control or remotely via RL1 or RSL6
- Line 6 priority selectable by internal jumper; release time 3s/6s/12s selectable by internal jumper
- Music EQ by tamperproof LF & HF presets on rear panel.
- 4 Microphone Inputs, low impedance balanced via phoenix style connectors
- Microphone EQ by tamperproof LF & HF presets on rear panel
- 100Hz HP dedicated filter on Microphone inputs
- Phantom power selected by internal jumper for each microphone
- Limiter dedicated to microphone inputs
- Mic 1 has access triggered priority over Mics 2 – 4
- All mics have VOX priority over music signals, providing 30dB of attenuation (on/off by jumper)
- Integrated chime triggered by access control of Mic 1 (on/off by jumper and level by internal preset)
- Compatible with Bose® SeriesIII EQ Cards
- Remote Music Mute configurable for NO or NC operation
- Overall "Peak Limiter" with LED indication on front panel

Accessories
(see pages 15/16 for details)



Amplifier features:

- 63Hz HP Filter for 25/70/100V operation
- Variable speed fan cooling
- Switch on delay
- DC protection
- IV Limiting
- 2U Rack chassis fitted with removable rack ears

CXA6 : Multi Channel Amplifier

6 channel power amplifier, 120W per channel (100V line external option)



General Description

- Six channel, 6 x 120W
- Connection for one of three optional modules
- VCA-2 2 channel remote level control
- Optional equaliser modules for Bose® loudspeakers can be fitted to any channel (with adaptor)
- Optional external 100W 70V/100V line transformer module available (with RL-1)
- CXL-800 is a 2U rack-mounted housing for 8 x CXL-100T
- Input routing options simplify terminations when some channels share a signal
- Comprehensive protection circuitry
- LED indicators for signal, clip and protect
- Forced cooling by 2 speed DC fan

Accessories
(see pages 15/16 for details)



CXA450 : Multi Channel Amplifier

4 channel power amplifier, 50W per channel (100V line internal option)



General Description

- Four channel, 4 x 50W
- Optional modules for remote level control of any channel, VCA-5
- Optional equaliser modules for Bose® loudspeakers can be fitted to any channel
- Optional is a 4 x 40W 70V/100V internal module (CXL-4160)
- Optional external 40W 70V/100V line transformer module available (CXL-40T)
- CXL-800 is a 2U rack-mounted housing for up to 8 x CXL-40T
- Input routing operations simplify terminations when some channels share a signal
- Comprehensive protection circuitry including dynamic clip protection
- LED indicators for signal, clip and protect
- Forced cooling vari-speed DC fan

Accessories
(see pages 15/16 for details)

E J K M N Q

CXA850 : Multi Channel Amplifier

8 channel power amplifier, 50W per channel (100V line external option)



General Description

- Eight channel, 8 x 50W
- Optional modules for remote level control of any channel, VCA-5
- Optional equaliser modules for Bose® loudspeakers can be fitted to any channel
- Optional external 40W 70V/100V line transformer module available (CXL-40T)
- CXL-800 is a 2U rack-mounted housing for up to 8 x CXL-40T
- Input routing options simplify terminations when some channels share a signal
- Comprehensive protection circuitry including dynamic clip protection
- LED indicators for signal, clip and protect
- Forced cooling vari-speed DC fan

Accessories
(see pages 15/16 for details)

E J K M Q

Headphone Distribution System



Listening to a personal choice of music or video sound track can reduce the tedium of exercising or waiting. The Cloud Headphone Distribution System has been specially developed to meet the needs of users who would benefit from having an entertainment facility at their fingertips.

Whether exercising, adding a tan or patiently waiting for something to happen, the Pump Station is designed to provide the entertainment. Offering 8 stereo sound sources, any of which can be selected to operate through a pair of stereo headphones via the RH-8 or WVP-8(A) control panel with a total capacity of 256 control panels on one system.



General Description

- 8 stereo line inputs
- Global input for microphone with priority
- RJ45 connection for 16 x RH-8/RH-8c or WVP-8 Control Panels
- Expansion unit for connection of 16 x RH-8/RH-8c or WVP-8(A) Control Panels
- Up to fifteen SS-16s can be added to provide a total system capacity of 256 users

Accessories



PM Series : Paging Microphones

A



PM1

The **PM range** of microphones can be used for paging with several Cloud Products and can be integrated with any 3rd party systems that require 'short to ground' for paging access. With five models in the range, PM1, 4, 8, 12, 16 and the ability to link 32 PM's together, designers can provide large, complex and flexible multi-zone paging systems.

When designing a multi-microphone paging system the microphone nearest the mixer needs to be an "I" variant i.e. with the integral "Analogue Interface", any combination of mics can be used to create the system and all but the first in the system will require a local PSU.

Features PM1

- PM1 entry level, single-zone paging microphone
- High quality 300mm Dynamic Mic
- Integral PTT (PressToTalk) switch microphone
- Internal cable connections with cable retention strap

Features PM4, 8, 12 & 16

- Simple CAT5, mic to mic cabling
- "Paging Group" key assignment
- Selected zone, group or "Call all" paging
- First come first served priority
- "Busy" indicator to show system in use
- Any mic can be configured with ultimate priority
- High quality cardioid capsule
- Integral compressor
- A choice of four chimes
- Internal sounder
- Factory 're-set' (by jumper)




PM4



PM8



PM12




PM16

AE-1A, DM-1, LM-1 : Active Modules




Active Modules

Several Cloud products have a facility port, which is intended to extend the capabilities of the unit by allowing the connection of a remotely located active module. The combination of products such as the Z8II/Z4II and the active modules allow designers to provide simple, cost effective solutions to many customers requirements that are difficult to achieve with other manufacturers units.


B  **AE-1a;**

- Optimised for Aerobic studio applications
- Inputs for microphone and stereo music source
- Individual control of mic and music level
- Mic signals can duck music source
- Facility to mute system music source


Available in the US only

C  **DM-1;**

- Two balanced mic inputs
- Individual level control of each mic
- Common tamperproof HF & LH controls
- Can be used in multiples when wired in daisy chain format


D  **LM-1;**

- Inputs for balanced mic and stereo line
- Individual level controls for mic and music
- Mic can override music
- Remote control of mixer's music source and level

E  **DM-1a;**

- Two balanced mic inputs
- Individual level control of each mic
- Common tamperproof HF & LH controls
- Can be used in multiples when wired in daisy chain format

US Version

F  **LM-1a;**

- Inputs for balanced mic and stereo line
- Individual level controls for mic and music
- Mic can override music
- Remote control of mixer's music source and level

US Version

Accessories

E  **RL-1** Remote music level control compatible with Z4II, Z8II, CX263, CX163, 46/50, 36/50, MPA Series, CXV-225 and CXV425

F  **RSL-6** Remote music source select & level control compatible with Z4II, Z8II, CX263, 46/50, 36/50, MPA Series

F4  **RSL-4** Remote music source select & level control compatible with MA60 and MA60 Media

G  **XLR-FI** Female XLR connector mounted on a plate similar to RL-1, RSL-6

H  **XLR-MI** Male XLR connector mounted on a plate similar to RL-1, RSL-6

I  **VCA-2** Two channel VCA card for remote level control of CX-A4 & CX-A6 amplifiers. Requires 1 or 2 RL-1's

J  **VCA-5** Single channel VCA card for remote level control of CX-450, CX-A850, CXV-225. Requires 1 RL-1

K  **CXL-40T** 40W 100/70 volt toroidal transformer, compatible with 46/50, 36/50, CX-A450 & CX-A850

L  **CXL-100T** 100W 100/70V toroidal transformer, compatible with CX-A6 & CX-A4

M  **CXL-800** Rack mounting housing designed to accept up to eight toroidal transformers

M6  **RE-S** Rack mounting housing kit designed to accept 2 x MA60 Mixer amps

M7  **RE-L** Rack mounting housing kit designed to accept 1 x MA60 Mixer amp

N  **CXL-4160** 4 x 40W 100V or 70V transformer module for internal use in 46/50 & CX-A450

O  **CXL-3120** 3 x 40W 100V or 70V transformer module for internal use in 36/50

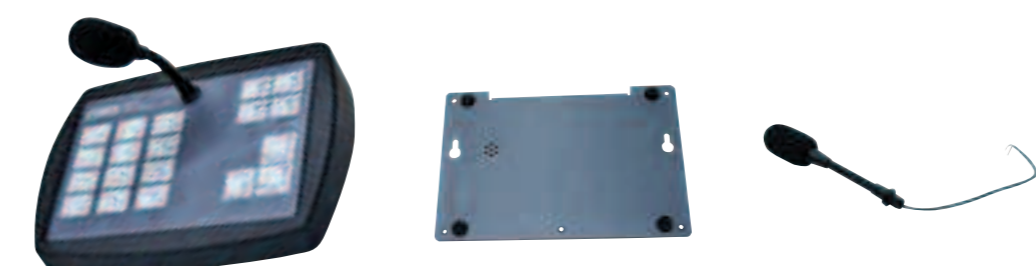
P  **CPM-PSU** External power supply

Q  **Bose®** loudspeaker EQ modules:

402II, 502A, 502B, 502BEX, 802III, LT3202II, LT4202II, 9402II, 9702II, LT MB24, FSII DS100, FSII DS16, M32/25, M8, MA12, MA12S, MA12ST, MB4

Adaptor required for 36/50, MPA-626, CX-A4 & CX-A6

R  **CXL-60T** 100W/70V/50V toroidal transformer, compatible with MA60 & MA60 Media



Multizone paging mics can be wall mounted with optional 140mm gooseneck mic (part No. - M1100166)

Product Matrix

	External 100V Line Transformers	Internal 100V Line Transformers	Wattage @ 100V Line	Wattage @ Low Impedance	Mono/Stereo	Mixer Amplifier	Mixer	Zones Stereo	Zones Mono	Line Inputs	Paging Mic/CPDM	Mic Inputs	CDRI/LE1/ME1/BE1	DM1/LM1	RSL6/4	EQ Module	Bose EQ Module	YCA-2/5 Module	RS232 Adaptor	Line 6 Priority	Music Mute		
Z4 II	✓	✗	✗	M	✗	✗	✗	✗	✗	4	✗	6	2	✓	✓	✓	✓	✗	✗	✗	✗	✓	
Z8 II	✓	✗	✗	M	✗	✗	✗	✗	✗	8	✗	6	2	✓	✓	✓	✓	✗	✗	✗	✗	✓	
CX163	✓	✗	✗	M/S	✗	✗	✗	✗	2	1	✗	6	1	✗	✓	✗	✗	✗	✗	✗	✗	✓	
CX263	✓	✗	✗	N/S	✗	✗	✗	✗	1	2	✗	6	2	✗	✓	✓	✓	✗	✗	✗	✗	CDIS200	
CX462	✓	✗	✗	S	✗	✗	✗	✗	1	1	✗	6	4	✗	✓	✓	✓	✗	✗	✗	✗	CDIS100	
DCM1	✓	✗	✗	M/S	✗	✗	✗	✗	2	6	✗	8	4 ²	✓	✗	✗	✗	✗	✗	✗	✗	✓	
36/50	✗	✗	✓	M	50	40	CXL3120	CXL40T	✗	2	2 ¹	6	1	✓	✓	✓	✓	✗	✗	✗	✗	✓	
46/50	✗	✗	✓	M	50	40	CXL4160	CXL40T	✗	4	4	6	2	✓	✓	✓	✓	✗	✗	✗	✗	✓	
MPA626	✗	✗	✓	M	150	120	N/A	N/A	✗	1	1	6	2	✓	✓	✗	DM1	✗	✗	✗	✗	✓	
MPA60	✗	✗	✓	M	60	60	✗	✗	✗	1	1	6	4	✓	✓	✓	✗	✗	✗	✗	✗	✓	
MPA120	✗	✗	✓	M	120	120	✗	✗	✗	1	1	6	4	✓	✓	✓	✗	✗	✗	✗	✗	✓	
MPA240	✗	✗	✓	M	240	240	✗	✗	✗	1	1	6	4	✓	✓	✓	✗	✗	✗	✗	✗	✓	
CXV225	✗	✓	✗	M	✗	250	N/A	N/A	✗	✗	2	2	✗	✗	✓	✗	✗	✗	✗	5	✓	✗	
CXV425	✗	✓	✗	M	✗	250	N/A	N/A	✗	✗	4	4	✗	✗	✓	✗	✗	✗	✗	5	✓	✗	
CXA450	✗	✓	✗	M	50	40	CXL4160	CXL40T	✗	✗	4	4	✗	✗	✓	✗	✗	✗	✗	5	✓	✗	
CXA850	✗	✓	✗	M	50	40	✗	CXL40T	✗	✗	8	8	✗	✗	✓	✗	✗	✗	✗	5	✓	✗	
CXA4	✗	✓	✗	M	120	100	✗	CXL100T	✗	✗	4	4	✗	✗	✓	✗	✗	✗	✗	2	✓	✗	
CXA6	✗	✓	✗	M	120	100	✗	CXL100T	✗	✗	6	6	✗	✗	✓	✗	✗	✗	✗	2	✓	✗	
PumpStation 16	Headphone Distribution	S	✗	✗	✗	✗	✗	✗	16	✗	✗	8	1	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
SubStation 16	Headphone Distribution	S	✗	✗	✗	✗	✗	✗	16	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
CX335	Limitter	S	✗	✗	✗	✗	✗	✗	1	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
VTX4120	✗	✓	✗	M	120	100	✗	CXL100T	✗	✗	4	4	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
VTX4240	✗	✓	✗	M	240	✗	✗	✗	✗	✗	4	4	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
VTX4400	✗	✓	✗	M	400	✗	✗	✗	✗	✗	4	4	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
MA60	✗	✗	✓	M	60	60	CXL60	✗	✗	1	1	4	1	✓	✓	✓	✗	✗	✗	✗	✗	✓	
MA60 Media	✗	✗	✓	M	60	60	CXL60	✗	✗	1	1	4	1	✓	✓	✓	✗	✗	✗	✗	✗	✓	

Notes ¹ Utility amplifier for fixed level output for toilets, foyer etc
² Microphone inputs via MEI, Active Input Plate

Information



Customer Service:

sales@cloud.co.uk

Technical Support:

technical@cloud.co.uk

Distribution/Logistics:

info@cloud.co.uk

Website Resources:

- Cable Connectors www.cloud.co.uk/connectors
- Wareparts www.cloud.co.uk/wareparts
- FAQs www.cloud.co.uk/faqs
- Product Matrix www.cloud.co.uk/product
- Datasheets www.cloud.co.uk/datasheets
- Instruction Manuals www.cloud.co.uk/manuals
- Technical Notes www.cloud.co.uk/tech

How to find us

Cloud Electronics Limited
 140 Staniforth Road
 Sheffield S9 3HF England

Telephone: +44 (0)114 244 7051
 Fax: +44 (0)114 242 5462
www.cloud.co.uk
 E-mail: info@cloud.co.uk

