

# CAN 0001

Modular mixer processed  
Audio / Video



0001

# What is CAN 0001?

CAN 0001 creates the new concept of VideoDiscLightJockey. It is able to structure, just in seconds, a personally designed equipment to work with both audio and video, starting from a group of compatible modules without limitations as for number of channels, distances, forms or parameters of equalization and cuts of the controls.

## Contents

Concept	1
Examples	2
Modules	11
Generalities	14



CAN 0001

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001

## As fast as simple

CAN 0001 is perfect for audio and video operators, mainly Disc Jockeys, Video Jockeys and Light Jockeys. It can be formed, very easily, in size, shape and the mixer modus that is going to be used, especially in sessions where several sources of sound and video are available. The new CAN 0001 fits all needs because it is 100% formable, not to mention the improvements in comparison with other already existing mixers.

## Infinite possibilities

CAN 0001 starts from a module with assembly devices on both sides that can be used individually (as manipulator / preamplifier / equalizer), linked with others by means of these devices, or even work jointly, or separately, by its union with specific wiring. Each module preamplifies, equalize or manipulates an audio or video channel so it is possible to have the mixture

of signal of so many sources of sound and video as desired. As for the configuration, several types of modules exist. They could be preamplifier, equalizer, manipulator, module of effects, sampler, hard disk, synthesizer, fader, cossfader, keyboard ... even compact disc player, all of them are compatible with one another. They work together as well as separately, being possible to acquire several configurations and forms depending on the work and space conditions.

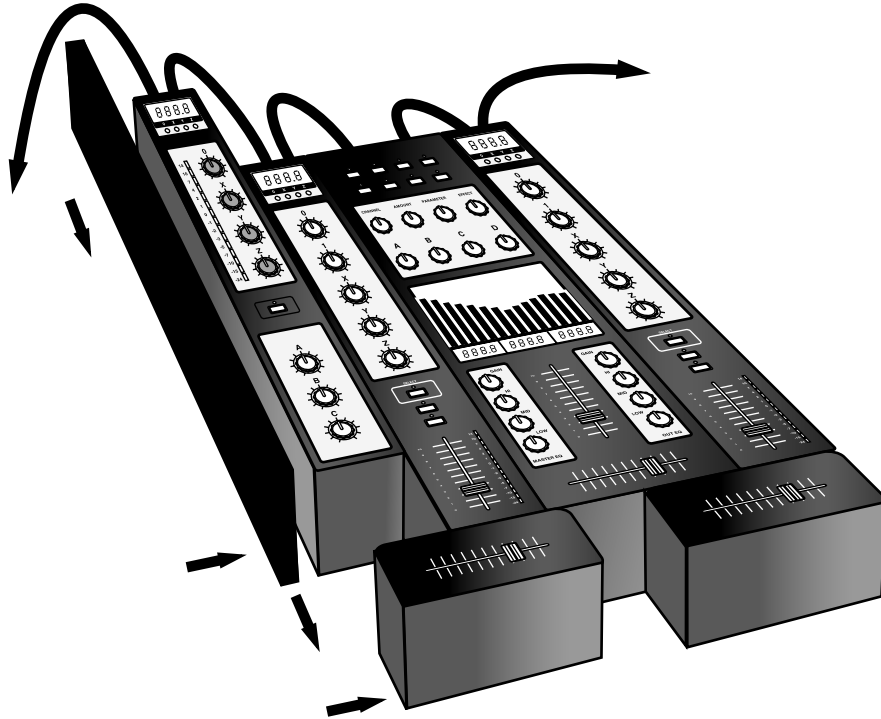
## Versatility

Talking about functions, each one of the controls is 100% programmable in reference to cut-off frequencies, gains, bandwidth and function assignation in controls and knobs. This is made with a control panel located in each module or, for a better visual precision, by means of software in an external console or computer. Likewise, it is possible to handled audio and video software using the controls and knobs, which means, then, that the failure of any of these modules does not imply the substitution of the whole mixer, but the replacement of the element damaged in just a few seconds. The equipment has inserted in the knobs and drives, sliding or rotating, illumination to work in adverse conditions of light (problem very common in discos and clubs). At the moment, we are working in model 0011 that includes new improvements in comparison with the already existing 0001 model.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



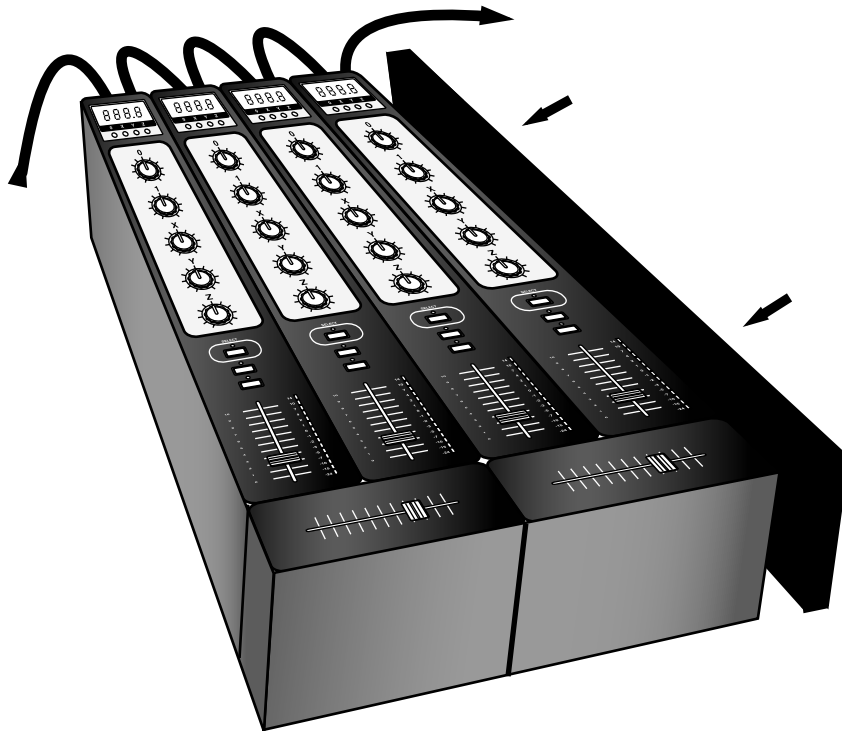
## Example of assembly, joining and connection of the equipment.

This illustration shows how the assembly, joining and connection among modules is made, whether linked or separately, by its union with specific wiring. CAN 0001 is provided with lateral covers made of elastic materials. They absorb the vibrations and protect from possible blows with the rest of the adjacent equipment. There is also the possibility of assembling it in 19" rack with specific covers.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



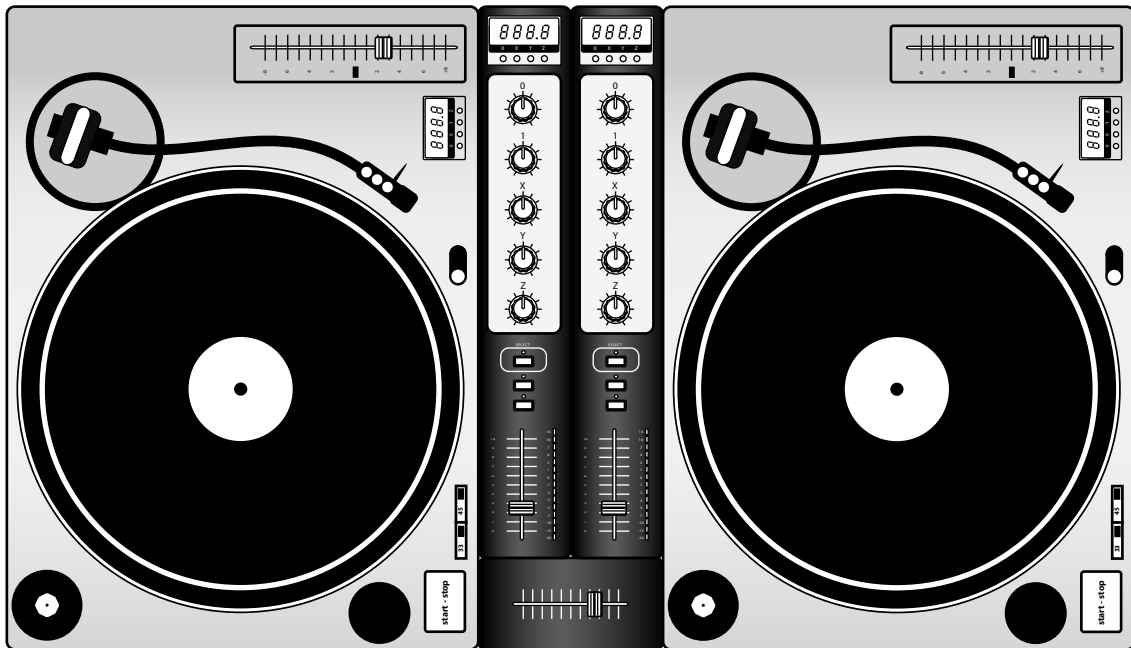
## Example of assembly, joining and connection of the equipment.

This illustration shows how the assembly, joining and connection among modules is made, whether linked or separately, by its union with specific wiring. CAN 0001 is provided with lateral covers made of elastic materials. They absorb the vibrations and protect from possible blows with the rest of the adjacent equipment. There is also the possibility of assembling it in 19" rack with specific covers.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



## Example for Scratch.

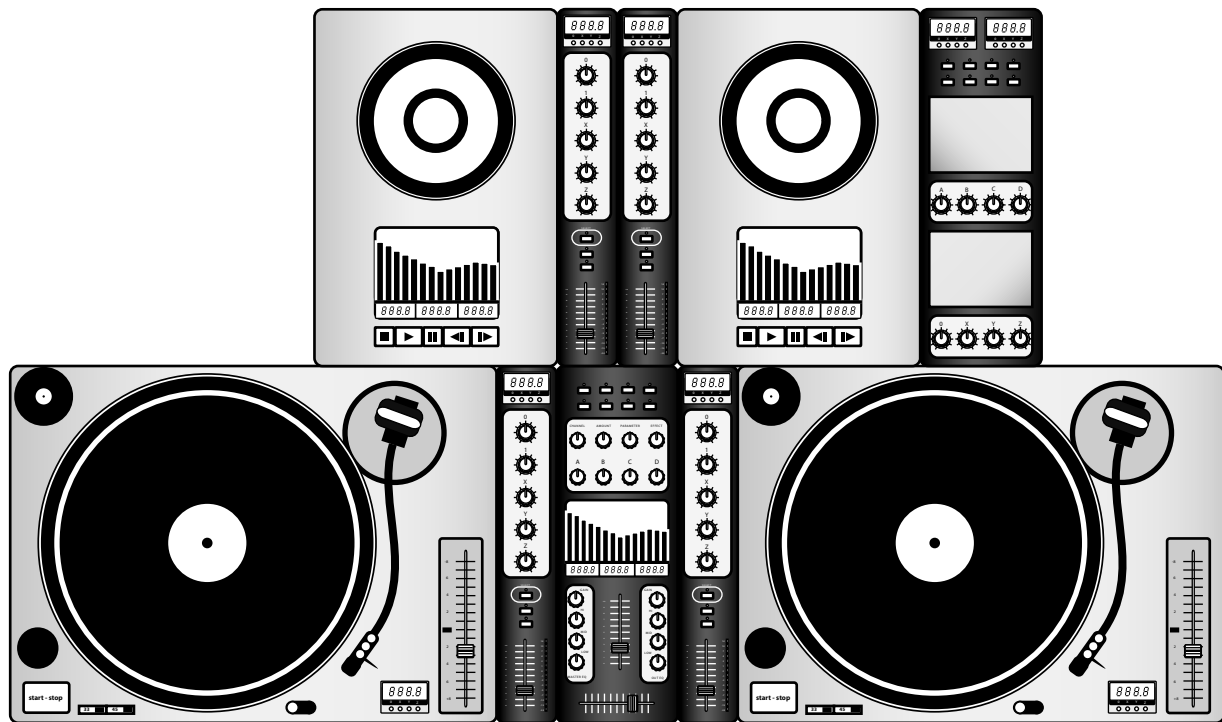
Hip Hop - Electro - Reggae...

This illustration shows the system configuration more demanded by scratch deejays, maintaining a minimum distance between the record players.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



## Example for club cabin

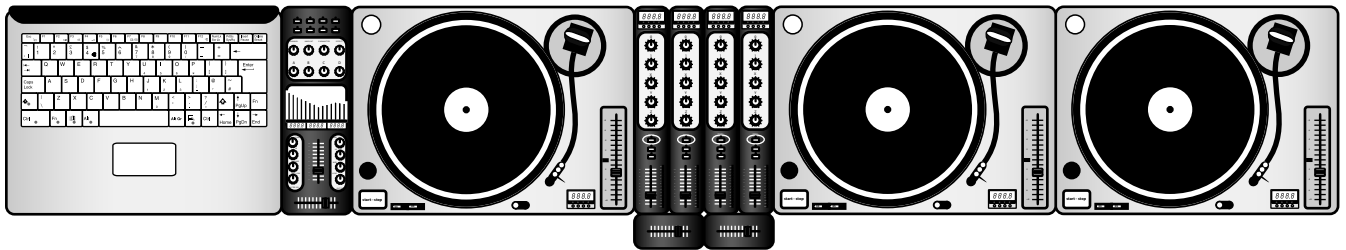
Disco - Dance - House - Trance...

This illustration shows the configuration of a mixing equipment which has record and CD players, including specific effect modules, sampler, etc... All of it in a minimum space, being very adequate for clubs with little space in the cabins and in which deejays who use different supports (vinyls, CDS...) rotate.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



Example for the most exigent deejays,  
processed by computer.

Techno - House - Electro - Drum & Bass...

This illustration shows the most demanded configuration, mainly by deejays who use several sources of sound in vinyl sessions. It includes an external computer, which has the possibility of handling audio / video software by means of the modules controls and knobs, or for their configuration.



# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



## Example for club cabin (Other configuration)

### Disco - Dance - House - Techno...

This illustration shows the configuration of a mixing equipment which has record and CD players, including specific effect modules, sampler, etc... All of it in a minimum space, being very adequate for clubs with little space in the cabins and in which deejays who use different supports (vinyls, CDS...) rotate.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



## Example for two simultaneous deejays session (Battle Deejays).

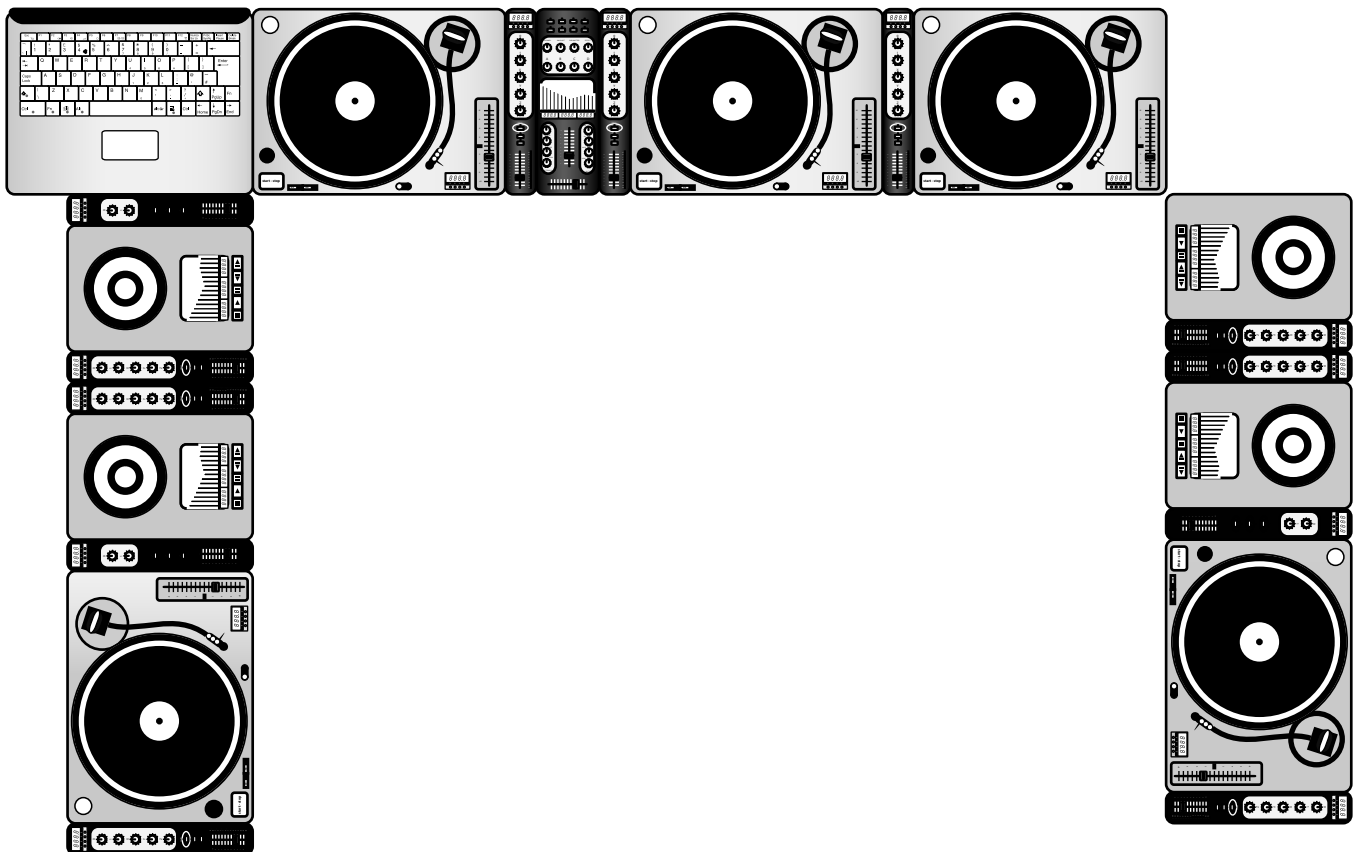
Hip Hop - Electro - Techno - House...

This illustration shows the configuration of the most demanded system for two deejays or videojays sets, which has a computer for the audio and video processing.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



## Example for recording studio or club cabin.

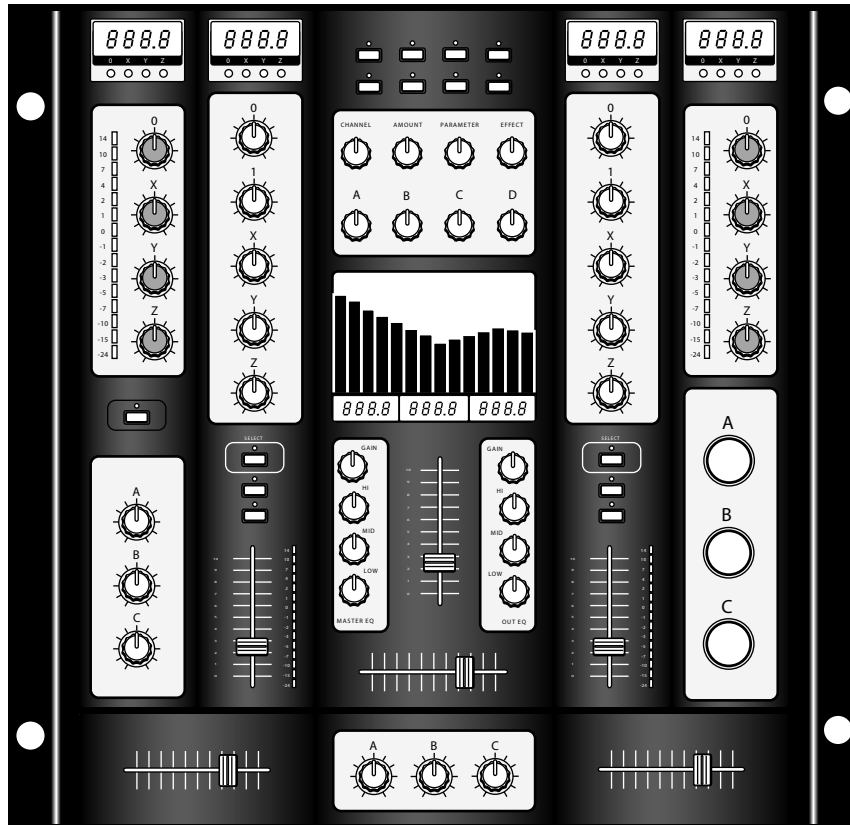
Disco - Dance - House - Techno - Electro - Drum & Bass...

This illustration shows one the configuration of one of the most demanded systems in recording studios or club cabins, with numerous sources of sound.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



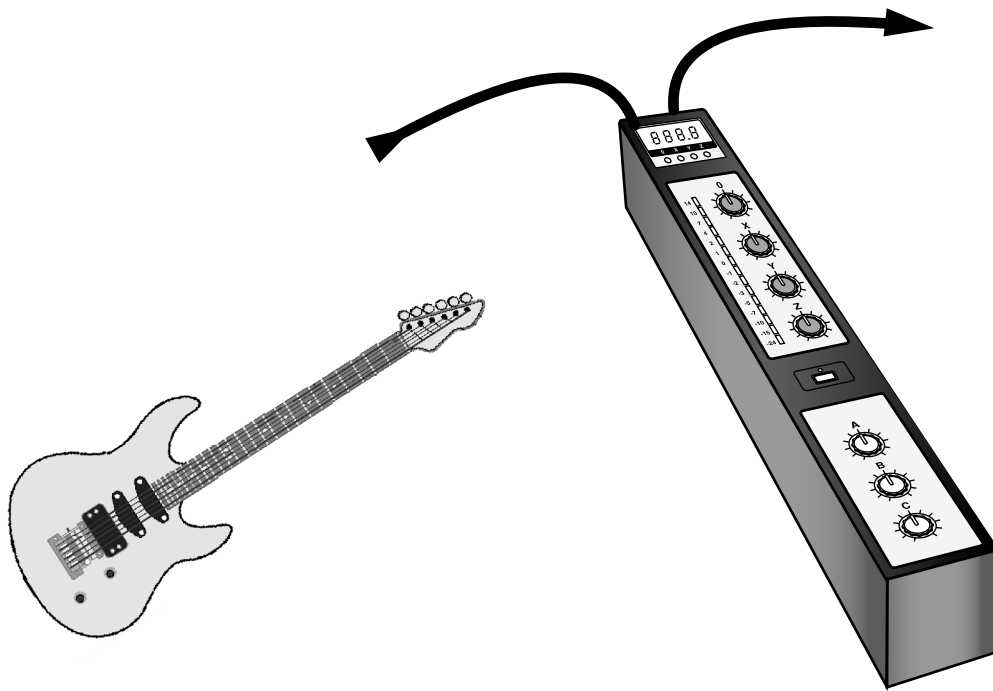
## Example of assembly and joining of conventional mixer in block.

This illustration shows the configuration of the mixer in block. On the right it is shown the Synthesizer - Sampler module and on the left the software programmes manipulator module.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



## Example for bands with individual equalization

(each player of the band has a module, of which the final mixture is connected to the amplifier).

This illustration shows how the modules can be used individually in a band (guitar, drums, bass, microphone, synthesizer...) having each one of them their own gain and equalization independently, and generating the final mixture connected to the amplifier.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001

## System Modules

The size and shape of the system modules in the illustrations are merely orientative, being possible to adopt whatever different shape and size from these.

The controls and knobs position and configuration, as shown in the illustrations, is merely orientative, with the possibility of designing each module specifically. This depends if it is purely preamplifier, equalizer, general exit, sampler, manipulator, synthesizer, module of effects, fader... or, simply, for manageability.

With the controls and knobs software can be handled, whether video or audio, being 100% programmable and configurable for this purpose.

The function of each control and knob, as well as the frequencies and amounts of cut, bandwidth, equalization (Bass, Mid, Treble, Parameters, Gain, Balance, Effect, Cue, Video, Filter...) are 100% programmable and assignable to each one of the controls and knobs of the mixer. Thus, they depend on the customized programming which can be done by a console, an external computer, or by the panel located in the upper part of each module.

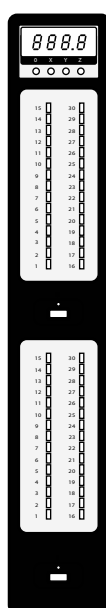
# CAN 0001


Modular mixer processed  
Audio / Video

CAN 0001


## Modules

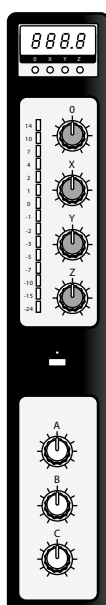
 **Module A**  
Audio-Video card.




 **Module B**  
Manipulator-Processor  
of video signals.



 **Module C**  
Manipulator of  
software  
programmes.



 **Module D**  
Manipulator of  
illumination.



# CAN 0001

Modular mixer processed  
Audio / Video

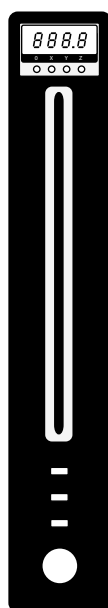
CAN 0001

## Modules



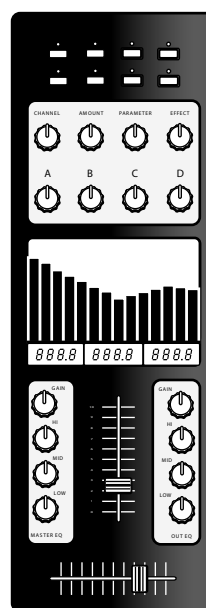
### Module E

Compact Disc player.



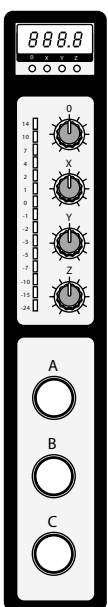
### Module F

Equalizer of Master  
general output.



### Module G

Synthesizer-Sampler.



### Module H

Video, audio and  
data storage.





# CAN 0001

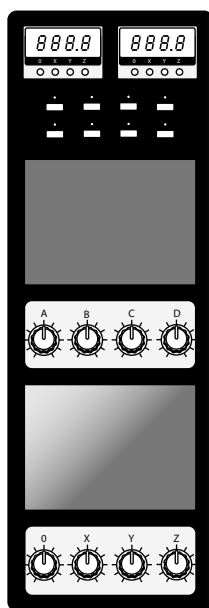
Modular mixer processed  
Audio / Video

CAN 0001

## Modules

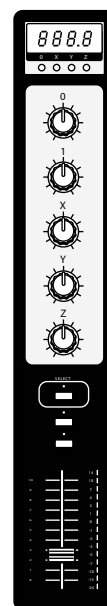
### Módulo I

Effects with  
tactile screen.



### Module J

Manipulator-Equalizer  
of audio signals.



### Module K

Blind Module.



# CAN 0001

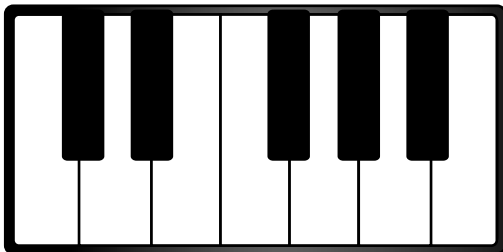
Modular mixer processed  
Audio / Video

CAN 0001

## Sub-Modules

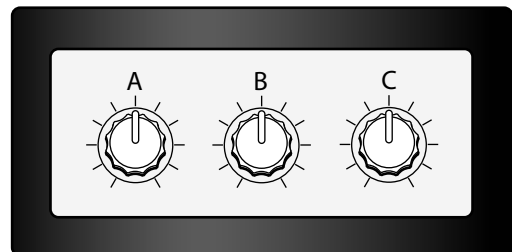
### Sub-Module L

1 eighth temperate  
keyboard.



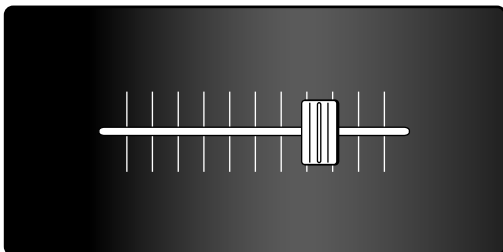
### Sub-Module M

Revolving potentiometers  
manipulation.



### Sub-Module N

Sliding potentiometers  
manipulation.



### Sub-Module O

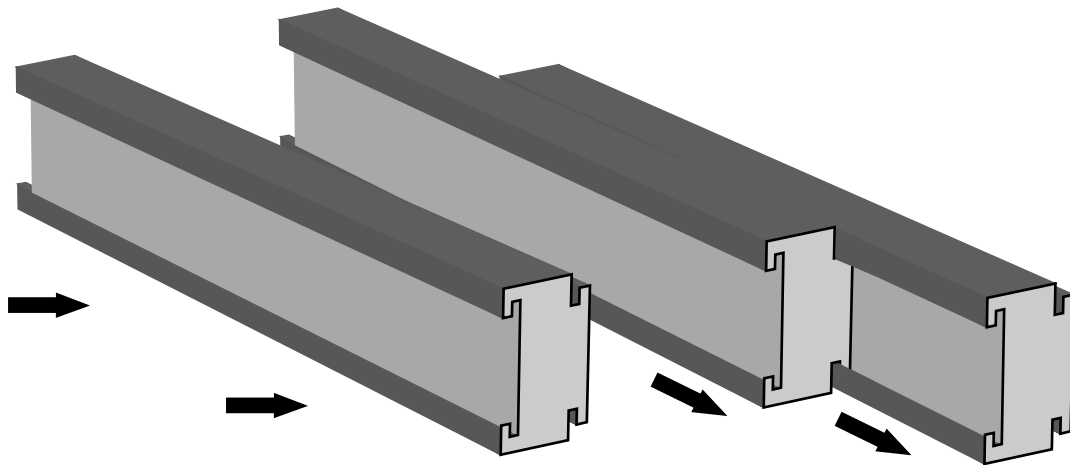
Blind Sub module.



# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001



Example of assembly and joining of the equipment.

# CAN 0001

Modular mixer processed  
Audio / Video

CAN 0001

## Generalities

Despite all the configurations previously mentioned, they are apt for all kind of musical styles and can be specifically configured by the user for any purpose.

All modules can be used for the manipulation of audio, illumination, video or jointly (audio-visual spectacle).

The equipment receives the energy by means of a feeder that, connected in any module, nourishes to the rest by means of a specific wiring.

The modules have stereo inputs and outputs of analogy and digital audio, inputs and outputs of video, informatics connexion, etc... depending on the purpose of use for these modules.

The modules can be connected among themselves by a network of computers.

A type of module exists with an inner part in which a great capacity HDD is located with the purpose of using it as a source of video and sound, being able to avoid the use of an external source.

The equipment has also inserted in the knobs and drives, sliding or rotating, illumination to work in adverse conditions of light (problem very common in discos and clubs).



**CAN 0001**

CAN0001 28045 Madrid SPAIN  
info@can0001.com +34 620 00 97 67  
© 2003 - 2005 CAN0001 All Rights Reserved

can0001