

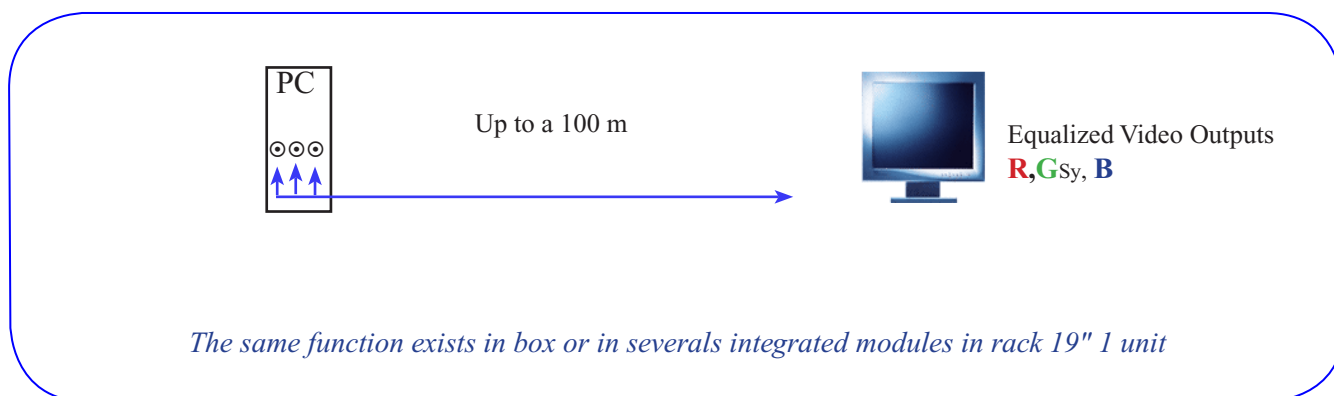
MIXER CORRECTOR TO REMOTE A THE VIDEO OF A PC

This card is to be integrated in a PC, in order to remote one video computer signal, up to a thousand meters in **R,G_{Sy}, B**

The output is equalized in gain and in frequency in order to **compensate the losses** due to a long coaxial connection and thanks to an automatic **control, it makes it possible to change the R, G, B, SyH, SyV input signal** into a **R,G_{Sy}, B** or in to a **R_{SyH}, V, B_{SyV}** signal (when coupled with the BRECC box).

In option, a second output can restore the entering signal with gain unit, for a local control.

It is thus particularly well **adapted to remote graphic images up to 100 meters from the source**, the remote being done by **MCX4 cables or equivalent type**.



ADVANTAGES

The cart MCV-PCI/E3 is an internal PC card working without software, and using none PC ressource.

The cart can be used as :

- A video remote control cart through 3 coaxials (with or without audio)
- A video remote control cart with possibility of local recopy (in option).
- A video, keyboard, mousse remote control cart (in option : Ref MCVPCI/E3CS) with possibility to take control locally.

APPLICATIONS

CAD, Process control (synoptical diffusion),
Exhibitions, Conference room,
Training, Simulation,
Real Time Control Room

MIXER & CORRECTOR CARD



MCV PCI Card :



Card to integrate : BUS PCI
Options :

- ❶ 1 additional slot
(Remoted Keyboard, Mouse)
- ❷ 1 additional slot
(Output for local control)

**Optional slot to remote Keyboard, Video, Mouse or local recopy*

CONNECTING :

- ⇒ Inputs :
Via the connection of the video output of the graphic card on the MCV-PC card, with a 15 points HD plug (the cable male/female is provided with the card).
- ⇨ Equalized Outputs :
3 BNC sockets (**R**SyH, **G**Sy, **B**SyV) or monochrome on green channel.
- ⇨ Not equalized outputs (local recopy in option) :
Sub'D 15 points HD male (in option).
- ⇨⇨ Remote Control : Keyboard, Mouse, Sound with local control (Cf : slot ❶ ❷)
Socket Sub' D 15 points male (in option).

⇒ **INPUT SIGNALS :**

- VIDEO : 1.5V maximum p/p 75 Ohms
- SYNCHRO : TTL
- OPTION : Keyboard/ Mouse PS2

CONDITION OF USE :

- Storage temperature : from - 20° to + 85°C.
- Operating temperature : from 0° to + 55°C.
- Relative humidity : 90% without condensation
- Estimated MTBF : > 250 000 hrs

⇨ **OUTPUT SIGNALS :**

- VIDEO :
Nominal 1V p/p - 0,7 V video + 0,3 V of synchro, on 75 Ohms.
Gain adjustment & bandwidth adjustment to compensate :
- 25 to 100 m with MCX4 (by step of 15 m)
Output in option on PC :
- Gain 1
- Max. level 1,5 V p/p 75 Ohms

- SYNCHRO : Synchronization on the green and/or in the red and blue for the remoted channel*.
Option : Local recopy, same synchro than the input signal

** Require the box BREC-C as receiver
Keyboard/ Mouse on twisted pairs (in option)*

DIMENSIONS :

- Width : 17 mm
- Height : 95 mm
- Depht : 180 mm

POWER SUPPLY :

- Internal alimentation via PC :
+ 5V = 195 mA
- 12V = 55 mA