CS-2003

Voice Alarm System
Monitoring module

EN 54 - 16 *

Made in FRANCE

Key points

- Monitor up to 3 amplifiers / loudspeakers' lines
- Cascadable addressable through fieldbus
- Management of backup amplifier
- Line monitoring with integrated loudspeaker

Cascadable & addressable through fielbus
Centralized monitoring

Management of backup amplifier
Broadcast secured & guaranteed

Configuration / default LED
Optimized installation & maintenance

Monitoring loudspeaker
Easier line monitoring

More details

CS-2003 monitors up to 3 amplifiers and their linked loudspeaker's lines, the communication and audio bus coming from the central unit as well as a standby amplifier, without stopping the broadcasting.

Connected through fieldbus, the central unit retrieves all the system operation information and handles broadcasting and backup amplifier switchover.

CS-2003 has a dedicated input for each zone, which makes connection to a matrix PA sound system easier. A set of LED gives live indication on the configuration, as well as other device's status. Through an integrated loudspeaker, live listening of 100V output lines is possible.
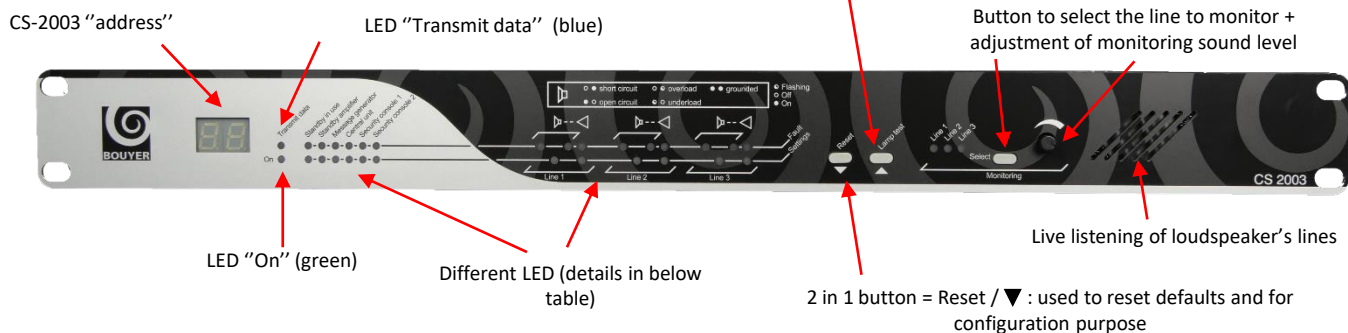
FEATURES	
Input	XLR / 0 dB
Output	Terminal block / 100V
Frequency range	100 Hz – 18kHz
THD + N	< 0,01%
S/N ratio	> 75 dB
Power supply	24V DC / 160mA max.
Dimensions	483 x 328 x 45mm 1U / 19'' rack
Color	Black
Material	Metal
Weight	3,7 Kg

* CS-2003 is compliant with EN54-16 when used with our B3S solution

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Front

2 in 1 button = ''Lamp test'' / ▲ : used to test product's LED and for configuration purpose

CS-2003 ''address''

LED ''Transmit data'' (blue)

Button to select the line to monitor + adjustment of monitoring sound level

Live listening of loudspeaker's lines

LED ''On'' (green)

Different LED (details in below table)

2 in 1 button = Reset / ▼ : used to reset defaults and for configuration purpose
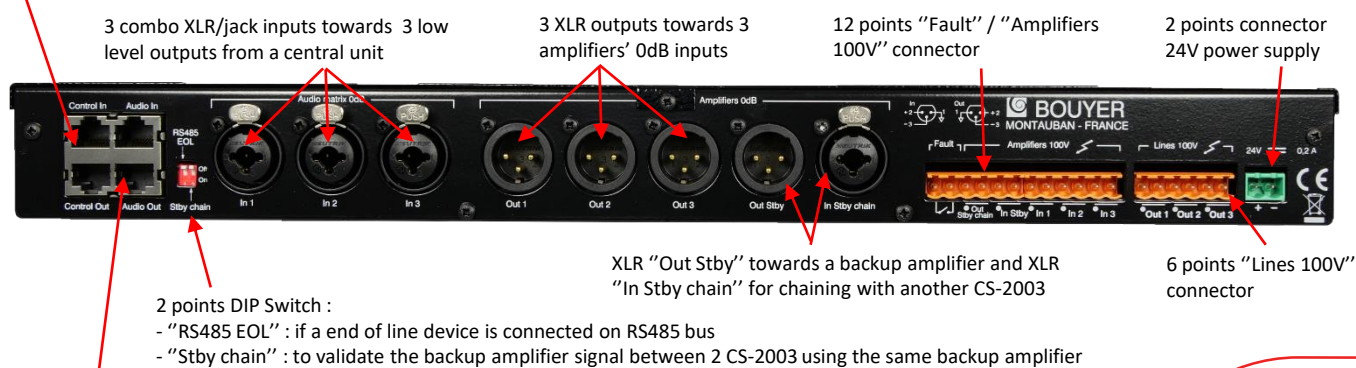
LED designation	If LED is blue (configuration)	If LED is yellow (default)
Standby in use	Shows that a backup amplifier is connected to the system	Shows a default of a backup amplifier connected to the system
Standby amplifier	Shows that backup amplifier monitoring is activated	Shows a default of backup amplifier connected to CS-2003
Message generator	Shows that monitoring of message generator from CS-2006 central unit is activated	Shows a default with message generator from CS-2006 central unit
Central unit	Shows that monitoring of CS-2006 central unit connected to the system is activated	Shows a connection default with CS-2600 central unit
Security console 1	Shows that monitoring of a GX-2500 console connected on bus 1 is activated	Shows a connection default with GX-2500 console connected on bus 1
Security console 2	Shows that monitoring of a GX-2500 console connected on bus 2 is activated	Shows a connection default with GX-2500 console connected on bus 2
Line 1, 2, 3	Shows that line monitoring elements is activated : amplifier and loudspeakers' line	Check product silkscreen priniting (combination of 2 LED). For the amplifier, shows there is a default

Rear

RJ45 ''Control In'' / ''Control Out'' port for signals' monitoring (RS485, amplifier status, AUX input remote)

3 combo XLR/jack inputs towards 3 low level outputs from a central unit

3 XLR outputs towards 3 amplifiers' 0dB inputs

12 points ''Fault'' / ''Amplifiers 100V'' connector

2 points connector 24V power supply

XLR ''Out Stby'' towards a backup amplifier and XLR ''In Stby chain'' for chaining with another CS-2003

6 points ''Lines 100V'' connector

2 points DIP Switch :
- ''RS485 EOL'' : if a end of line device is connected on RS485 bus
- ''Stby chain'' : to validate the backup amplifier signal between 2 CS-2003 using the same backup amplifier

RJ45 ''Audio In'' / ''Audio Out'' port for audio inputs' connection (GX-2500/1, GX-2500/2, message generator, AUX input)

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