

# GO.8

## AUTO SWITCHER



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## AUTO SWITCH Audio-Video-Midi

**GO.8** is an automatic switcher for redundant backup management. It can automatically switch 8 audio channels, one Midi line, one video line. Switching can take place between two audio players such as computers with sequencers, or two B.Beat or other sound and/or video sources.

The **GO.8** is ideal for live concerts and theatre performances where Backing Tracks, Midi and Video tracks are used that cannot be interrupted.

# JUST PLAY!

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**GO.8** uses a gate that detects the crash of the main machine and switches in real time to the 'backup' machine, guaranteeing continuity even in case of failure.

Two sets of audio inputs (with 8 balanced channels), two video inputs and two Midi inputs are available, and switching between the two sets takes place automatically via a specific SYNCH audio signal (sinusoidal, 1 kHz frequency) on channel 8 of the **GO.8**. As soon as a lack of this signal is detected, the device switches to input group B (redundant). Switching can also be managed manually via the SELECT button on the front panel.

For complex configurations, several **GO.8s** can be linked together to create 16-, 24- or 32-track systems. Housed in a rugged 19" steel rack, the GO8 features a choice of 25-pin D-sub or 1/4" TRS input connectors with D-Sub and XLR outputs. The XLR sockets on the front panel produce a DI signal with balanced microphone level to feed a snake system and are transformer-isolated to eliminate hum and hiss caused by ground loops. D-Sub connectors at the rear of the panel provide direct line-level balanced connectivity.

Using M-Live's B.Beat products, it is possible to send the SYNCH signal mixed with audio tracks to the **GO.8's** input 8 (either Jack or DB25). This allows you to use all available outputs on B.Beat without having to sacrifice one of them for **GO.8** operation.

The **GO.8** has a function for reading the SMPTE timecode as an LTC signal from channel 7 (both group A and B) for real-time verification of the timecode value.

The unit's power supply is also redundant: two power supplies can be connected to prevent shutdowns due to the failure of one power supply.

# GO.8 ON STAGE WITHOUT WORRIES.

## MAIN TECHNICAL FEATURES

<b>INPUT AUDIO A and B groups</b>	<ul style="list-style-type: none"> <li>- 2x8 Input Line Jack 6.35 mm TRS, balanced (or unbalanced with TS cable)</li> <li>- 2x8 Line in on DB25 connector, balanced</li> <li>- Impedance → 15 kΩ</li> <li>- Maximum amplitude +20 dBu, unbalanced</li> </ul>
<b>OUTPUT AUDIO FRONT (XLR)</b>	<ul style="list-style-type: none"> <li>- 8 Audio Output XLR with 3 poles, balanced</li> <li>- Impedance 600 Ω</li> <li>- Gain: -20 dB</li> <li>- Features: Mute, GND LIFT</li> </ul>
<b>OUTPUT AUDIO REAR (DB25)</b>	<ul style="list-style-type: none"> <li>- 8 Audio output on DB25, balanced</li> <li>- Gain: 0 dB</li> <li>- Not transformer isolated</li> </ul>
<b>FREQUENCY RESPONSE</b>	10 Hz up to 20 kHz
<b>LINK WITH OTHER UNITS</b>	<ul style="list-style-type: none"> <li>1x Link In Jack 6.35 mm TRS*</li> <li>1x Link Out Jack 6.35 mm TRS*</li> <li>To be linked with TRS Cable only.</li> </ul>
<b>DISPLAY</b>	2.4" OLED, 128x64
<b>MIDI</b>	<ul style="list-style-type: none"> <li>2xMIDI IN (groups A e B)</li> <li>1xMIDI OUT</li> </ul>
<b>VIDEO</b>	<ul style="list-style-type: none"> <li>2xIN for groups A and B</li> <li>1xOutput</li> <li>Resolution: <ul style="list-style-type: none"> <li>- 1920x1080 - 60 Hz</li> <li>- 3840x2160 - 30 Hz (4k)</li> </ul> </li> <li>Cables HDMI V 1.4</li> </ul>
<b>SYNCH SIGNAL</b>	<ul style="list-style-type: none"> <li>1 kHz sine wave audio signal detected on channel 8 (group A and B)</li> <li>Minimum signal level: <ul style="list-style-type: none"> <li>- balanced -12 dBu</li> <li>- unbalanced -6 dBu</li> </ul> </li> </ul>
<b>TIMECODE SMPTE</b>	<ul style="list-style-type: none"> <li>SMPTE timecode decoding (LTC signal) performed on channel 7 (for both input group A and B)</li> <li>Minimum signal level1: <ul style="list-style-type: none"> <li>- balanced -12 dBu</li> <li>- unbalanced -6 dBu</li> </ul> </li> </ul>
<b>POWER SUPPLY INPUT</b>	12 VDC, 2 A, consumption max < 4 W Double input for redundancy
<b>POWER SUPPLY</b>	AC/DC Adapter Mod. 13/90288-00 INPUT 100-240VAC Freq 50-60Hz OUTPUT 12VDC - 2A
<b>WEIGHT AND DIMENSION</b>	48 x 18 x 4,5 cm - 2,5 Kg.



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