

# MOS - QUATRO

## MANUAL

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The MOS Quatro is a four-way 19 inch microphone on-air switch for switching microphone lighting on for example the Yellowtec Mika microphone arms.  
The four microphone ports switch separately from each other.



The indication LED's on the front panel of the MOS Quatro shows the status of each microphone. These LED's indicates whether the microphone arms are on standby, fixed white light, or fading in and out.

The status LED tells You the status of the white lights. If this LED is on, the function of the white lights are set for fading. If this LED is off, then the white lights are fixed.



Up to 4 microphone arms can be connected to the rear panel of the MOS-Quatro. The MOS-Quatro will control the lights of the connected arms in red for on-air and white for off-air.

The audio signal is routed directly from the connected microphone arm to a standard 3-pin XLR connector.

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### Connections from left to right

#### Power

9 to 18 volts DC

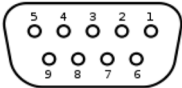
#### RJ11

Link connection for synchronisation with other MOS (Uno or Quatro)

Link1 = master and Link2 = slave

You need this link only when the white led's are set for fading (statusled is on)

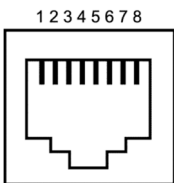
To activate or deactivate this function connect pin 5 of sub D GPI 1-2 to ground (toggle function)



#### SUB-D GPI 1-2

GPI connection for microphone 1 and 2

Pin	Function	Signal
1	Microphone 1, +5 to +15 volt	GPI
2	Microphone 1, contact to GND	GPI
3	Microphone 2, +5 to +15 volt	GPI
4	Microphone 2, contact to GND	GPI
5	Toggle to Ground to activate/deactivate breathing white light	
6	Microphone 1, voltage GND	Ground
7	Microphone 1, contact GND	Ground
8	Microphone 2, voltage GND	Ground
9	Microphone 2, contact GND	Ground



#### RJ45 GPI 1-2

GPI connection for microphone 1 and 2

Pin	Function	Signal
1	Microphone 1, +5 to +15 volt	GPI
2	Microphone 1, voltage GND	Ground
3	Microphone 1, contact to GND	GPI
4	Microphone 1, contact GND	Ground
5	Microphone 2, +5 to +15 volt	GPI
6	Microphone 2, voltage GND	Ground
7	Microphone 2, contact to GND	GPI
8	Microphone 2, contact GND	Ground





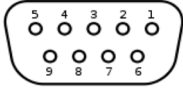
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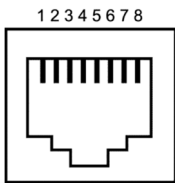


### SUB-D GPI 3-4

SUB-D GPI 3-4

Pin	Function	Signal
1	Microphone 3, +5 to +15 volt	GPI
2	Microphone 3, contact to GND	GPI
3	Microphone 4, +5 to +15 volt	GPI
4	Microphone 4, contact to GND	GPI
5	Connect to Ground to activate / deactivate white light	
6	Microphone 3, voltage GND	Ground
7	Microphone 3, contact GND	Ground
8	Microphone 4, voltage GND	Ground
9	Microphone 4, contact GND	Ground

To deactivate all the white lights close contact 5 of sub D GPI 3-4 to ground



### RJ45 GPI 3-4

GPI connection for Microphone 3 and 4

Pin	Function	Signal
1	Microphone 3, +5 to +15 volt	GPI
2	Microphone 3, voltage GND	Ground
3	Microphone 3, contact to GND	GPI
4	Microphone 3, contact GND	Ground
5	Microphone 4, +5 to +15 volt	GPI
6	Microphone 4, voltage GND	Ground
7	Microphone 4, contact to GND	GPI
8	Microphone 4, contact GND	Ground



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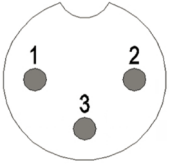
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### XLR 5p female

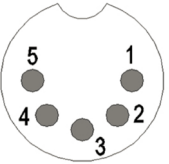
Microphone arm 1



### XLR 3p male

Microphone 1 output audio signal

Pin	Function	Type
1	Shield	Shield
2	Signal +	Input
3	Signal -	Input



### XLR 5p female

Microphone arm 1

Pin	Function	Type
1	Shield	Shield
2	Signal +	Input
3	Signal -	Input
4	LED + 12 volt	Output
5	Led - 12 volt	Output

### XLR 3p male

Microphone 2 output audio signal

### XLR 5p female

Microphone arm 3

### XLR 3p male

Microphone 3 output audio signal

### XLR 5p female

Microphone arm 4

### XLR 3p male

Microphone 4 output audio signal

### Dimensions

19 inch, 1HE

Depth: 22.2cm

Weight: 2.6kg



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### Safety First!

- Caution: hot and sharp surfaces ! This professional device should only be installed by qualified personnel.
- Check the cardboard box for any damage upon receipt of the goods. In case of a damaged box, please contact your distributor contact your distributor before opening the box.
- Read all documentation before using the unit.
- Keep all documentation for future use.
- Keep the box and packing materials even if the equipment has arrived in good condition.
- Should you ever need to ship the equipment, use only the original factory packaging.
- Do not spill water or other liquids in or on the unit.
- Always use the power supply provided.
- Make sure the outlets match the power requirements listed on the back of the power supply.
- Do not use the unit if the power cord is frayed or broken.
- Turn off and disconnect the devices from the power supply before making any connections.
- Do not use the unit near heaters, heating vents, radiators, or other devices that produce heat.
- Do not use the unit on a surface or in an environment that may interfere with the normal flow of air around the unit.  
If the unit is used in an extremely dusty or smoky environment, the unit should be "dusted" periodically.
- Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages.
- In case of malfunction, this unit should only be serviced by qualified service personnel.
- Always follow the instructions of the supplier and manufacturer - Use only manufacturer specified accessories, spare and replacement parts.
- Use the device only for the application the manufacturer intended.

