



*OPERATING MANUAL*  
*FOR*  
*\*XGA SWITCHER\**

Milestone Electronics Pvt. Ltd.

## XGA SWITCHER

XGA SWITCHER by Milestone is a device that helps person/s to share computers (or laptops) with single projector or single monitor.

### Models available

ML 201 XGA	2 CPUs with 1 XGA output
ML 401 XGA	4 CPUs with 1 XGA output
ML 801 XGA	8 CPUs with 1 XGA output

### Features

<b>INSTALLATION</b>	Easy to install - plug and play kind.
<b>SHARING</b>	2/4/8 CPUs with single projector or single monitor.
<b>COMPATIBILITY</b>	Fully compatible to VGA, SVGA & XGA monitors.
<b>SELECTION</b>	Channel selectable from <ul style="list-style-type: none"><li>· Individual Local keypad</li><li>● Individual remote keypad (optional).</li><li>● Remote contact closure (optional).</li><li>● RS232C interface (optional).</li><li>● RS422/RS485 interface (optional).</li></ul>
<b>INDICATION</b>	LED indication for working set.

## SPECIFICATIONS

<b>MODEL</b>	<b>201 XGA</b>	<b>401 XGA</b>	<b>801 XGA</b>
<b>INPUT CONNECTORS</b>	D15F × 2	D15F × 4	D15F × 8
<b>OUTPUT CONNECTORS</b>	D15F × 1	D15F × 1	D15F × 1
<b>LED INDICATION</b>	1 to 2 and PWR	1 to 4 and PWR	1 to 8 and PWR
<b>KEYPAD SELECTION</b>	1 to 2	1 to 4	1 to 8
<b>REMOTE KEYPAD / CONTACT CLOSURE (OPTIONAL)</b>	D9M × 1	D9M × 1	D9M × 2
<b>RS 232 INTERFACE (OPTIONAL)</b>	D9F × 1	D9F × 1	D9F × 1
<b>OPERATING DISTANCE</b>	30 M	30 M	30 M
<b>MAINS INPUT (AC)</b>	230 V	230 V	230 V
<b>DIMENSION</b>			
• <b>TABLE TOP (mm)</b>	288×130×52	288×130×68	----
• <b>RACK TYPE</b>	----	----	1 U
<b>WEIGHT</b>	1600 g	1800 g	2000 g
<b>MODE OF OPERATION Manual/RS232C (OPTIONAL)</b>	Yes	Yes	Yes

## OPERATION

### A) MANUAL MODE

**For Manual mode keep the slide switch provided at the rear panel in manual position.**

#### ◆ **Local Keypad**

Select the required channel from the front panel keypad.

#### ◆ **Remote contact closure/ remote keypad (optional).**

Rear panel has a D9 male connector, operational at a distance of 50 meters. Milestone's remote keypad or any other remote contact closure can be connected at this connector.

The connector diagram for D9 male connector is as follows:

D-9 MALE-1 Pin No.	CHANNELS
1	CH1
2	CH2
:	:
:	:
8	CH8
9	GRD

**Note 1:** To select any channel, short respective pin to ground i.e. pin no. 9 through contact switch or use Milestone's remote keypad.

**B) AUTO MODE**

For Auto mode, keep slide-switch in Auto position.

Auto mode works on priority basis. First priority is given to Channel 1, 2<sup>nd</sup> priority to channel 2 and so on.

For example if Sync signal is detected on channel 2 and channel 3 simultaneously, only channel 2 will get selected on priority basis. Channel 3 can be selected only when channel 1 and channel 2 are deactivated.

**C) SCAN MODE (optional)**

For Scan mode, keep slide-switch in Scan position.

In Scan Mode only the input channels connected will be scanned .The timing of the scan can be adjusted through the knob provided on the rear panel. It varies from 10secs to 7mins.

**D) RS232 INTERFACE (Optional) (in manual mode)**

D9 female connector from rear panel is used for selecting the switcher through RS232C Interface.

The pin configurations are

<b>D-9 FEMALE</b>	<b>SIGNAL</b>
3	Rx
5	GRD

The simple commands used for selecting the channels are

<b>CHANNEL</b>	<b>DECIMAL</b>	<b>ASCII</b>
CHANNEL 1	1!	31, 21
CHANNEL 2	2!	32, 21
:	:	:
CHANNEL 8	9!	39, 21

Communication parameters are 9600 baud, no parity, 8-bit and 1 stop bit.

Whenever any channel is selected there will be a feedback from the switcher on RS232 port i.e. when channel 1 is selected, switcher will send 1! on the serial port pin no. 2. Similarly 2! for channel 2 and so on.

---X---X---X---X---

