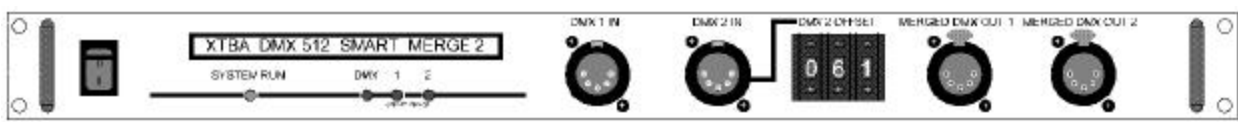


# The SMART MERGE2

The **SMART MERGE2** allows you to combine two DMX512 data streams into one. This lets you use more than one DMX controller on the same DMX network. With a MERGE a standard lighting controller, moving light controller, and color scroller controller may now run their respective devices on a single DMX line. Where appropriate two controllers may share control of a single device. When two inputs are combined for a single DMX channel, they are combined in a “highest takes precedence” manner.



Each **SMART MERGE2**, has two DMX512 inputs combined to form a new DMX512 output. The addresses of “Dimmer data” on input **one** are not changed. Dimmer **one** is output as dimmer **one**. The address of data on input **two** may be offset so that two DMX512 data streams may be patched end to end, or overlapped in a controlled manner.

Offset is controlled by a 3-digit decimal switch. The number displayed on this switch is the address that dimmer **one** of input **two** will occupy in the DMX output. On the **SMART MERGE2** all data for channels that are offset above 512 are routed to a second DMX512 output.

The unit is powered by a powerful DSP chip set. The output is full speed DMX at approximately 43 updates a second. The **SMART MERGE2** is tolerant of a wide range of DMX flavors and should receive all allowed DMX flavors, and some illegal ones too. It is packaged in a 1 3/4" steel case with detachable rack ears for mounting in 19" relay racks. The power supply is switchable for operation at either 120 or 240 VAC 50 or 60 Hz.

The **SMART MERGE2** is manufactured by **XTBA** and is distributed in North America by Goddard Design Co.

PRICES	
<b>SMART MERGE 2</b>	<b>\$1500.00</b>
<b>SHIPPING within US</b>	<b>\$12.50</b>
Units sold within New York State subject to applicable sales tax	

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