

IN3662

2-In 2-Out High Resolution VGA Switcher



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FEATURES

- 400 MHz Video Bandwidth
- 2 Inputs with Buffered Local Monitor Outputs
- 2-Main Outputs - Drive Two Data Display(s) in Addition to Local Monitor(s)
- 15-Pin HD Connectors for all Inputs and Outputs - Connect Directly to VGA-Type Computers and Data Displays
- Input / Output Adapter Cables Available for Compatibility with MAC, SUN, SGI, 4 & 5 BNC Workstations
- Front Panel Channel Selector
- Remote Control Via Contact Closure
- Internal Power Supply
- Rack Mountable in 1U Space Using Optional Rack Shelf
- Durable Metal Case Enclosure

The **IN3662** is a two input, two output high resolution switcher designed to select between two high resolution computer video signals and route the selected output to two display devices. The **IN3662** is a powerful product that combines the functionality of three 1x2 VGA distribution amplifiers plus a 2x1 VGA switcher into a compact, rugged, rack-mountable enclosure.

Universal Analog Signal Compatibility - The **IN3662** features 15-Pin HD connectors for inputs and outputs and connects directly to VGA, SVGA and XGA computer graphics cards and displays using high resolution coaxial VGA extension cables such as the **IN8000** Series. The **IN3662** can also connect to MAC, SUN, SGI and other high resolution workstations and displays by using the appropriate input and output adapter / extension cables.

Buffered Local Monitor Outputs - With a traditional 2-input switcher, users must employ a 1x2 VGA distribution amplifier at each computer to split the signal between the local monitor and the switcher input. The unique design of the **IN3662** switcher provides a buffered local monitor output for each input, letting you connect a local monitor without the need for additional equipment. All sense pins are passed from each input to its corresponding local monitor output.

Front Panel Input Selector - Users may select the desired input by pressing the front panel selection button. Each time the button is pressed the unit toggles between Input 1 and Input 2. Front panel LED indicators illuminate to indicate the currently selected input. The non-selected input is terminated into 75 ohms.

Remote Control Capability - The remote port is a 3-pin captive screw terminal on the back panel that allows the switcher to be remotely controlled by any device that is capable of providing a latching contact closure. The remote port also includes a status pin that provides feedback to a control system to indicate the currently selected input. The **IN3662** may also be controlled by RS-232 control devices by using an **IN6901** RS-232 to contact closure converter.

Dual Outputs - Featuring two main outputs, the **IN3662** can drive up to two large screen data displays in addition to the local monitor(s).

Rugged Rack Mountable Design - The **IN3662** is housed in a durable metal case which can be rack mounted in a 1U space using the optional **IN9080** rack shelf. Two units may be mounted side-by-side on a single shelf, or a single unit may be rack-mounted using the **IN9080** rack shelf plus an **IN9088** blank panel.

SPECIFICATIONS

INPUTS:

Connectors: (2) 15-Pin HD male
Compatible Signals: Video: 0.7 Vp-p nominal, 1.5 Vp-p max.
Sync.: TTL, 5 Vp-p max.
Non-selected channel is terminated into 75 ohms

OUTPUTS:

Local Monitor Outputs: (2) 15-Pin HD female
Main Outputs: (2) 15-Pin HD female

GENERAL:

Bandwidth: 400 MHz @ -3dB with 0.7 Vp-p input signal
Switching Time: 2.5 mSec typical
Remote Port: 3-Pin Phoenix Brand Connector
Power Supply: Internal Switch Mode: 90-260VAC; 47-63 Hz
Power Consumption: 10 watts
Shipping Weight: 4 lbs. / 2 Kg Product Weight: 2.0 lbs. / 0.9 Kg
Dimensions: 1.65" x 6.8" x 4.8" / 4.2cm x 17.3cm x 12.2cm
Optional Accessories: **IN8000 Series** VGA Extension Cables
IN915X Adapter / Extension Cables - Listed on Reverse
Regulatory Approvals: UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991),
EN50082-1 (1992 and 1994), EN0950-92

INPUT / OUTPUT ADAPTER AND EXTENSION CABLES

The input / output cables listed below can be used with the IN3662 to adapt the inputs, local monitor outputs and main outputs for use with a variety of high resolution computers. These cables may also be used with any of the following interface, distribution amplifier and switcher models: IN2100 / IN2111 / IN2112 / IN2114 / IN2116 / IN2200 / IN3262 / IN3262D / IN3264 / IN3268 / IN3562R / IN3662 / IN3666

		VGA	MAC	SUN (13W3)	5-BNC / RGBHV	4-BNC / RGBS
Input Cables	6' Long	IN8006	IN9140	IN9142	IN9048	IN9100
	12' Long	IN8012			IN9046	
	25' Long	IN8025	IN9144	IN9146	IN9046-L25	
Local Monitor	3' Long	N/A	IN9141	IN9143		
	6' Long	IN8006			IN9047	
	12' Long	IN8012			IN9045	