

# MARENIUS

MARENIUS ELEKTRONIKUTVECKLING AB  
P. O. BOX 5086  
SE-426 05 V. FROLUNDA, SWEDEN  
Tel. +46 31 69 16 10 Fax +46 31 69 31 88  
Internet: www.marenius.com

# professional ducts



## VDA-24 video distribution amplifier

VDA-24 is an easy-to-use distribution amplifier for composite CVBS video signals. In addition, it will also distribute digital audio acc. to the S/P DIF format.

VDA-24 has a single input and a loop-through output. Input load is selectable by a switch for high Z or 75 Ω. In high Z mode the standard 75 Ω load must be handled by an external device connected to the loop-through output.

There are 4 buffered outputs, each capable of driving a 75 Ω load to more than 2 V<sub>pp</sub>.

VDA-24 has an internal power supply and it connects to an ordinary 230 V AC mains supply.

VDA-24 is housed in a plastic box with rubber feet.

### TECHNICAL DATA

Video channel bandwidth	> 8 MHz -3 dB
Signal-to-Noise ratio	typ. > 60 dB
Nominal video level in/out	1 V <sub>pp</sub> into 75 ohms
Input impedance	75 ohms or high Z
Sockets	BNC
Box size, approx.	(W x H x D) 130 x 130 x 40 mm.
Power supply	2 x 15 V AC via mains adapter for 115 / 230 V AC @ 50 ñ 60 Hz, 5 VA
Weight	500 grams



VDA-24 video distribution amplifier

# User Instructions

MARENIUS ELEKTRONIKUTVECKLING AB  
P. O. BOX 5086  
SE-426 05 V. FROLUNDA, SWEDEN  
Tel. +46 31 69 16 10  
Fax +46 31 69 31 88  
Internet: [www.marenius.com](http://www.marenius.com)

## VDA-24

### Power supply

Plug the inverted DIN plug from the mains adapter (supplying 2 x 15 V AC) into the socket on the back side of VDA-24.

The unit has no power switch. It is intended for continuous use.

### Connectors

Video inputs and outputs are all through BNC sockets.

### Adjustments

VDA-24 has no internal adjustments.

***Make sure there is a correct 75 ohms load for the input signal, either handled by an external device connected to the loop-through output or by setting the load switch to 75  $\Omega$ .***