



RB-DDA6W 6 Way Word Clock Distribution Amplifier



Category: Audio Distribution Amplifiers.

Product Function: 1 input, 6 output TTL word clock distribution amplifier.

Typical Applications: Distribution of word clock signal from a master generator to other studio equipment to keep them synchronised.

Features: Fully buffered outputs.

The RB-DDA6W word clock distribution amplifier distributes a word clock BNC input signal to 6 word clock BNC outputs re-conditioned. It is used to distribute reference clocks for digital audio systems.

It has a single female BNC audio input which is distributed to 6 female BNC outputs.

The units primary application is to distribute a master TTL word clock source to multiple pieces of equipment that need to be synchronised from the master.

Specification For RB-DDA6W

Audio Specification	
Input Impedance:	50Ω
Output Impedance:	<50Ω
Connections	
Input:	1 x BNC female
Outputs:	6 x BNC female
Mains Input:	Filtered IEC, switchable 110-120V, or 220-240V, fused, 6W max
Fuse Rating:	Anti-surge fuse 100mA 20 x 5mm (230VAC) Anti-surge fuse 250mA 20 x 5mm (115VAC)

Equipment Type	
RB-DDA6W:	6 way word clock distribution amplifier
Physical Specification	
Dimensions (Raw):	28cm (W) x 10.8cm (D) x 4.2cm (H) (1U) 11" (W) x 4.3" (D) x 1.7" (H) (1U)
Dimensions (Boxed):	36cm (W) x 20.5cm (D) x 6cm (H) 14.2" (W) x 8" (D) x 2.4" (H)
Weight:	Nett: 0.9kg Gross: 1.35kg Nett: 2lbs Gross: 3lbs



RB-DDA6W-2P 6 Way Word Clock Distribution Amplifier with Dual Power Supplies



Category: Audio Distribution Amplifiers.
Product Function: 1 input, 6 output TTL

word clock distribution amplifier.

Typical Applications: Distribution of word clock signal from a master generator to other studio equipment to keep them synchronised.

Features: Fully buffered outputs, dual IEC mains inputs.

The RB-DDA6W-2P word clock distribution amplifier distributes a word clock BNC input signal to 6 word clock BNC outputs re-conditioned. It is used to distribute reference clocks for digital audio systems.

It has a single female BNC audio input which is distributed to 6 female BNC outputs. The units primary application is to distribute a master TTL word clock source to multiple pieces of equipment that need to be synchronised from the master.

The unit provides redundancy protection by using two power supplies that can be supplied from separate mains feeds. The unit automatically load shares between the two supplies so that if either supply should fail, it will continue to work correctly. If both supplies fail, the input is connected directly to output 1.

The condition of the two supplies is indicated on the front panel by two red LEDs which illuminate to indicate the correct function of the supply. On the alarm output connector there is a changeover relay to indicate the status of each supply. This is normally closed to indicate power fail and once the supply is working correctly the relay activates to make a normally open contact.

Specification For RB-DDA6W-2P

Audio Specification	
Input impedance:	50Ω
Output impedance:	<50Ω
Connections	
Audio Inputs:	1 x BNC female
Audio Outputs:	6 x BNC female
Alarm Outputs:	2 x Relay output indicators on 1 x 9 pin D-Type socket
Mains Input:	2 x Filtered IEC, 85-264V switchable, fused, 6W max
Fuse Rating:	2 x Anti-surge fuse 1A 20 x 5mm
Equipment Type	
RB-DDA6W-2P:	6 way word clock distribution amplifier with dual power supplies
Physical Specification	
Dimensions (Raw):	48cm (W) x 10.8cm (D) x 4.2cm (H) (1U)
	19" (W) x 4.3" (D) x 1.7" (H) (1U)
Dimensions (Boxed):	58.5cm (W) x 22.5cm (D) x 7cm (H)
	23" (W) x 8.9" (D) x 2.8" (H)
Weight:	Nett: 1.5kg Gross: 2.0kg
	Nett: 3.3lbs Gross: 4.4lbs



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