



# TERRESTRIAL DISTRIBUTION AMPLIFIER

## DW32

Kingray's DA and DW series distribution amplifiers have been designed to suit digital television signals. The technology used is hybrid bipolar and GaAs, which allows for a greater output capacity, whilst having a lower noise figure. The amplifier includes midstage gain controls, a number of flexible powering options and are built in a fully shielded die-cast housing.

The DW32 distribution amplifier has a separate inputs for VHF and UHF antennas & a combination VHF/UHF antenna can be used via the UHF input. It is supplied with a PSK18S power supply.

### FEATURES

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Frequency Range 44-230 MHz & 520-820 MHz

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32dB Maximum Gain

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Individual 10dB Gain Control for both VHF & UHF

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Separate VHF & UHF Inputs or Combined Input

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Local or Remote Powering Options

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Built in Slope

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-30dB Test Point

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High Output Figure of 112dB IMR3 (DIN45004B)

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Connectors: F-Type

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Power Consumption: 150mA

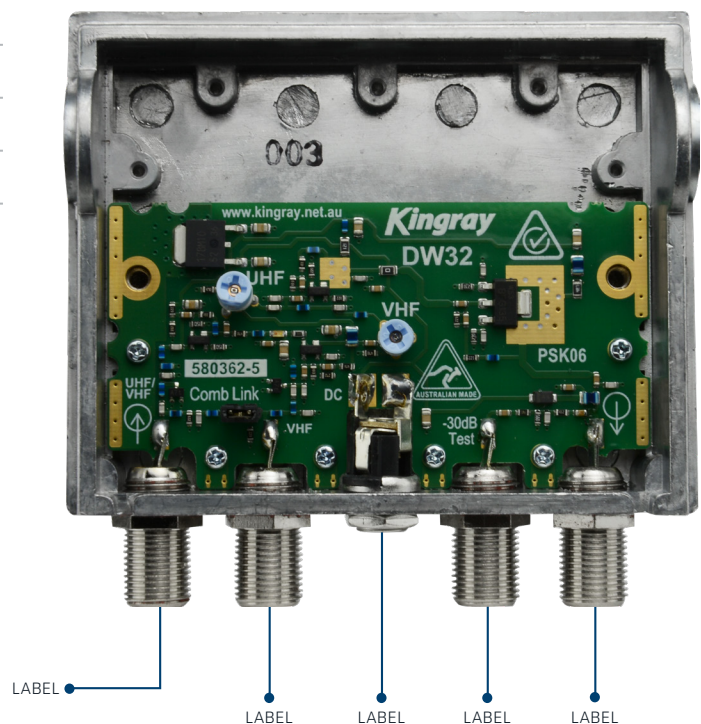
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Operating Voltage: 12-18V DC

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Included is a PSK18S Power Supply

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## PRODUCT SPECIFICATIONS

PARAMETER SPECIFICATION	
Frequency Range	44-230 / 520-860MHz
Gain	27dB-32dB (sloped)
Noise Figure	<5dB
Output Level	112dBuV DIN45004B @(-60dB IMR)
Return Loss	>10dB
Gain Control Range	10dB VHF & UHF (mid stage)
Supply Voltage	12-18V DC (supplied with PSK18S)
Current Consumption	140mA
POWERING FEATURES	
Option 1	Plug pack (PSK18S, 2.5mm DC socket)
Option 2	To output port (using a power injector)
Operating Temperature	-10°C to 50°C
Dimensions	85 x 81 x 27mm
Weight	144 grams (approx)
Connectors	'F' Type
All values are typical unless otherwise specified.	

Specifications are subject to change without notice, they are issued as a guide only and shall not form part of any contract without the express written authorisation of GME.

