

- 2.7 Send your claim to:
Standard Communications Pty Ltd. Unit B, 22-24 College Street, Gladesville,
NSW 2111, Australia. Tel: (02) 9879 8888, Fax: (02) 9816 4722
Email: servadmin@gme.net.au
- 2.8 If we determine that your goods are defective, we will pay for the cost of returning the repaired or replaced goods to you, and reimburse you for your reasonable expenses of sending your warranty claim to us.

3. What this warranty does not cover

- 3.1 This warranty will not apply in relation to:
- (a) goods modified or altered in any way;
 - (b) defects and damage caused by use with non Standard Communications products;
 - (c) repairs performed other than by our authorised representative;
 - (d) defects or damage resulting from misuse, accident, impact or neglect;
 - (e) goods improperly installed or used in a manner contrary to the relevant instruction manual; or
 - (f) goods where the serial number has been removed or made illegal.

4. Warranty period



- 4.1 We provide the following warranty on GME and Kingray products. No repair or replacement during the warranty period will renew or extend the warranty period past the period from original date of purchase.

Product Type	Warranty Period
Kingray amplifiers, modulators, diplexers and filters, Kingray plug pack power supplies, Kingray Professional rack mount products.	3 years



ISO 9001: 2008
AU97/0906
List of certified
characteristics available
at www.sgs.com



 1300 463 463  kingray.net.au

A division of Standard Communications Pty Ltd.
Head Office: PO Box 96, Winston Hills, NSW 2153, Australia.
New Zealand: PO Box 58-446 Botany, Auckland, 2163, NZ. T:(09) 274 0955.
All other international enquires email: export@gme.net.au

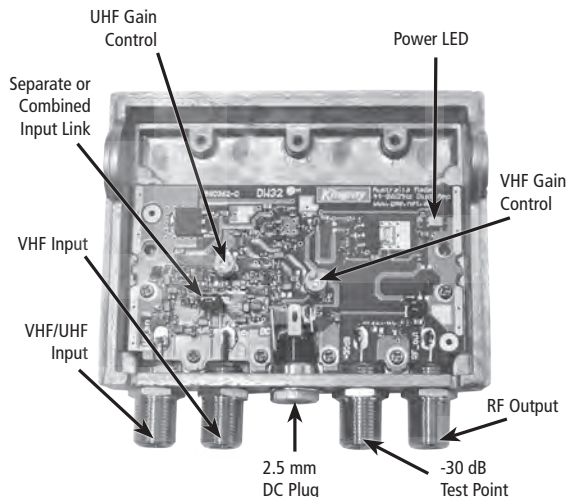
INSTALLATION MANUAL

Kingray

Specialists in TV signal amplification

DW32 (44-230/520-860 MHz) DISTRIBUTION AMPLIFIER

Optimised for both digital and analogue TV signal amplification.



Thank you for selecting an Australian designed and built distribution amplifier.

The DW32 is a Free-to-Air distribution amplifier for use in MATV multiple dwelling applications. It features single or combined VHF/UHF inputs, separate VHF/UHF gain controls, inbuilt slope, -30 dB test point, local or remote powering options.

INSTALLATION

The Kingray DW32 is primarily designed for internal applications. However, in situations where the amplifier needs to be installed externally, it can be mounted in a MHB001 weather proof housing and remotely powered.

Mount the amplifier with screws onto a vertical surface so the cable connectors point downwards. There must be free circulation of air around the amplifier and sufficient space below for the cable connections.

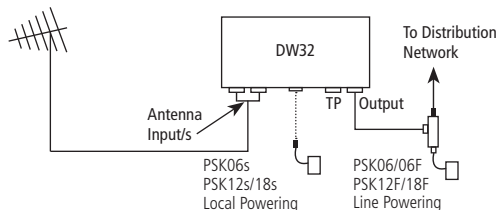
Cable connections

The input/output cable connectors are 'F' Type.

Powering options

- **Local Powering:** The supply voltage (12-18 V DC) for the DW32 is supplied by the mains adaptor (PSK06s) which plugs directly into the amplifier power socket.
- **Line Powering:** Achieved via the coaxial cable to the RF output socket by utilising a PSK12F/PSK18F/PSK06F/PSK06.

Fig. 1



SPECIFICATIONS

PARAMETER SPECIFICATION

Frequency Range	44-230 / 520-860 MHz
Gain	27 dB – 32 dB (sloped)
Noise Figure	< 5 dB
Output Level	112 dBuV DIN45004B @(-60 dB IMR)
Return Loss	> 10 dB
Gain Control Range	10 dB VHF, 10 dB UHF (mid stage)
Supply Voltage	12-18 V DC (supplied with PSK12s)
Current Consumption	140 mA

POWERING FEATURES

Option 1	Plug pack (PSK12s, 2.5 m DC socket)
Option 2	To O/P socket (using PIK01)
Operating Temperature	-10°C to 50°C
Dimensions	85 x 81 x 27 mm
Weight	144 grams (approx)
Connectors	'F' Type

STANDARD COMMUNICATIONS CONTRACT WARRANTY AGAINST DEFECTS

This warranty against defects is given by Standard Communications Pty Ltd ACN 000 346 814 (We, us, our or GME). Our contact details are set out in clause 2.7. This warranty statement only applies to products purchased in Australia. Please contact your local GME distributor for products sold outside of Australia. Local distributor details at www.gme.net.au/export.

1. Consumer guarantees

- 1.1 Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
- 1.2 To the extent we are able, we exclude all other conditions, warranties and obligations which would otherwise be implied.

2. Warranty against defects

- 2.1 This warranty is in addition to and does not limit, exclude or restrict your rights under the Competition and Consumer Act 2010 (Australia) or any other mandatory protection laws that may apply.
- 2.2 We warrant our goods to be free from defects in materials and workmanship for the warranty period (see warranty table) from the date of original sale (or another period we agree to in writing). Subject to our obligations under clause 1.2, we will at our option, either repair or replace goods which we are satisfied are defective. We warrant any replacement parts for the remainder of the period of warranty for the goods into which they are incorporated.
- 2.3 To the extent permitted by law, our sole liability for breach of a condition, warranty or other obligation implied by law is limited
 - (a) in the case of goods we supply, to any one of the following as we decide –
 - (i) the replacement of the goods or the supply of equivalent goods;
 - (ii) the repair of the goods;
 - (iii) the cost of repairing the goods or of acquiring equivalent goods;
 - (b) in the case of services we supply, to any one of the following as we decide –
 - (i) the supplying of the services again;
 - (ii) the cost of having the services supplied again.
- 2.4 For repairs outside the warranty period, we warrant our repairs to be free from defects in materials and workmanship for three months from the date of the original repair. We agree to re-repair or replace (at our option) any materials or workmanship which we are satisfied are defective.
- 2.5 We warrant that we will perform services with reasonable care and skill and agree to investigate any complaint regarding our services made in good faith. If we are satisfied that the complaint is justified, and as our sole liability to you under this warranty (to the extent permitted at law), we agree to supply those services again at no extra charge to you.
- 2.6 To make a warranty claim you must before the end of the applicable warranty period (see warranty table), at your own cost, return the goods you allege are defective, provide written details of the defect, and give us an original or copy of the sales invoice or some other evidence showing details of the transaction.