

## 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](http://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.

2.7 Send your claim to:  
Standard Communications Pty Ltd.  
PO Box 96, Winson Hills, NSW 2153.  
Tel: (02) 8867 6000, Fax: (02) 8867 6199  
Email: [servadmin@gme.net.au](mailto: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.



ISO 9001: 2008  
AU9710906  
List of certified  
characteristics available  
at [www.sgs.com](http://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](mailto:export@gme.net.au)

Drawing No: 41492-5 Part No: 310188

## INSTALLATION MANUAL

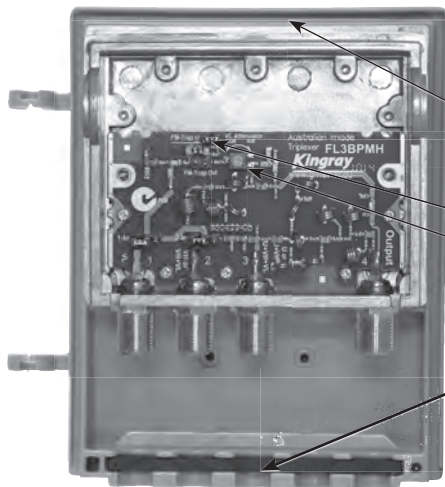
# Kingray

Specialists in TV signal amplification

## FL3BPMH

FULLY SHIELDED BAND PASS FILTER AND TRIPLEXER

IDEAL FOR BROADBAND DIGITAL/ANALOGUE APPLICATIONS



Mount with plastic securing strap on to mast or mount to a wall with the four pre-drilled holes.

FM Trap

For maximum low band attenuation turn control anti-clockwise.

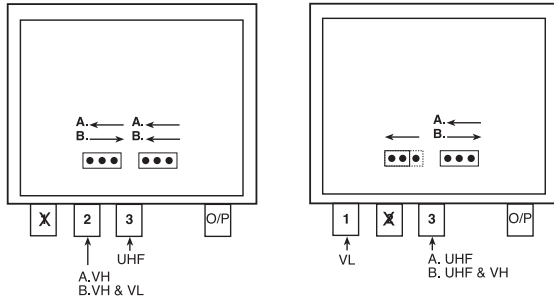
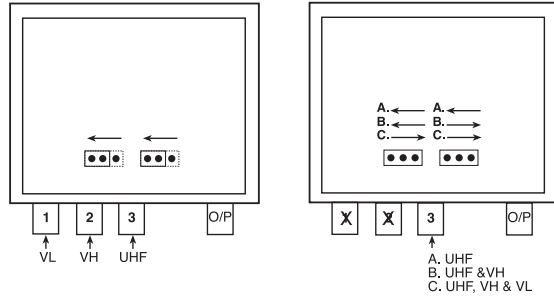


Ensure weatherproof strips remain in place.

## INSTALLATION CONTINUED – INPUT OPTIONS

By using the 2 links on the PCB a number of input options are available to suit most requirements.

Please see diagrams below for options.



## SPECIFICATIONS

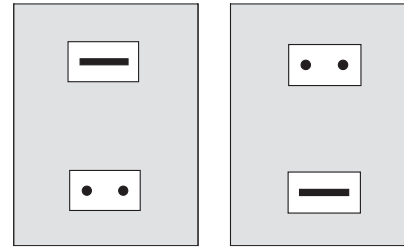
The FL3BPMH is a passive bandpass filter/combiner with 1, 2 and/or 3 inputs. It is designed to pass standard TV bands with an insertion loss of < 2 dB, whilst rejecting unwanted out of band signals, including AM, 26/27 MHz CB radio,

FM radio (switchable), paging, police radio, 477 MHz CB radio and mobile phones CDMA and GSM. There is also a -12 dB low band attenuator included.

The FL3BPMH may also be used backwards as a low insertion loss band separator.

Frequency Range	VLF 44 - 108 MHz	FM Filter	-30 dB @ 88 - 108 MHz
	VHF 174 - 230 MHz	Pager Filter	-30 dB @ 148 MHz
	UHF 520 - 820 MHz		-20 dB @ 158 MHz (NZ)
Insertion Loss	< 2 dB	477 MHz CB	-40 dB
AM + 26/27 MHz	-40 dB	Mobile Phones	-20 dB @ 860 MHz
Low Band Attenuator	-12 dB max		-30 dB @ 940 MHz

## FM TRAP OPTIONS



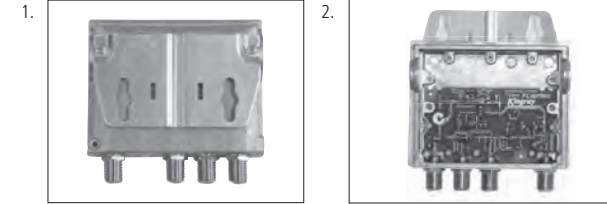
FM trap on

FM trap off

## INSTALLATION

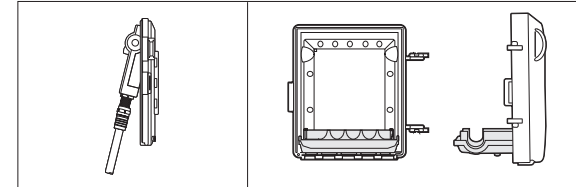
The FL3BPMH is designed to fit in the MHB001 for outdoor use prior to a masthead amplifier or it can be screwed to a wall in the plastic housing via the 4

pre-drilled holes. The unit can also be removed from the plastic housing and mounted using the KB001 bracket.



KB001 used for optional mounting of FL3BPMH.

Reversed KB001 for optional mounting of FL3BPMH.



The diecast housing can pivot to easily access connectors.

The lid may be inserted into the plastic outer cover whilst installing.