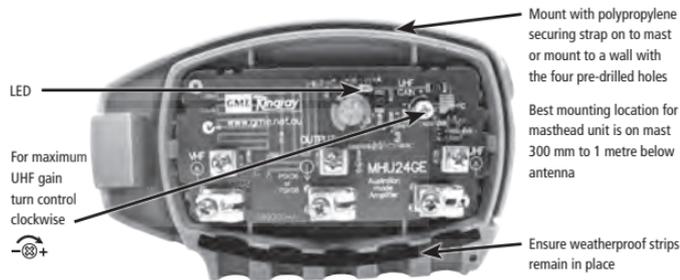


## INSTALLATION MANUAL

### MODEL MHU24GE Masthead Amplifier



*Thank you for selecting an Australian designed and built masthead amplifier.*



- A masthead amplifier is designed to amplify low signal levels for both analogue and digital applications.
- The amplifier gain should be selected to suit each individual environment.

### WARRANTY

Standard Communications PTY. LTD warrants this Kingray product to be free from defects in material and workmanship for a period of 3 years from the date of

installation and reserves the right to void warranty if unit was misused, improperly installed or damaged by claimant.



1300 463 463

kingray.net.au

Drawing No: 42703-4

Part No: 310333

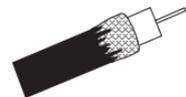
A division of Standard Communications Pty Ltd.  
Head Office: PO Box 96, Winston Hills, NSW 2153, Australia.  
New Zealand: PO Box 58-446 Botany, Auckland, 2163, NZ. T:(09) 274 0955.  
All other international enquires email: [export@gme.net.au](mailto:export@gme.net.au)

## SPECIFICATIONS

Frequency Range	VHF: 44 - 230 MHz UHF: 520 - 820 MHz
Max Gain	VHF: -2 dB UHF: 24 dB
Noise Figure	UHF: < 2 dB
Gain Control Range	UHF: 10 dB
Supply Voltage	PSK08/F: 17.5 V AC and PSK06/F: 14 V DC @ 60 mA (PSK02 may also be used)
Output Figure	105 dB DIN45004B @ (-60 dB IMR)

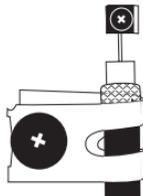
## INSTALLATION

The amplifier has been designed for separate VHF and UHF antenna inputs.

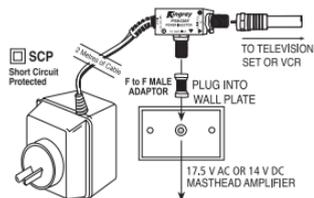


Bare back cable with a Cable Stripper or Stanley Knife.

Bare back the cable as per diagram, pushing the earth braid back over the black sheath. Connect the earth to the saddle and the centre conductor to the screw connection.

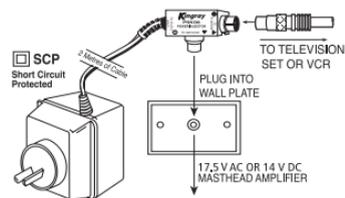


## INSTALLATION CONTINUED



PSK06F/08F\*

\*Please note: an F Type Adaptor has been included in all Kingray F Type Power Supplies to fit an F Type wall plate. However, the insert from the wall plate



PSK06/08

can be removed and the Power Injector may be fitted directly with the locking nut provided.

## TECHNICAL ADVICE

- Check** there is no earth braid touching the centre conductor on the coaxial cable.
- Is there more than one outlet?**  
Check the splitter box, the power supply must be connected to the coaxial outlet that feeds the AC/DC leg of the splitter box to pass power to the head unit. (Check if LED is on).
- Is there now too much signal causing an overload effect to the VCR?**  
Try turning down the gain control on the masthead unit, or select a smaller dB rating amplifier.  
**If there is a white line moving through the picture:** Try a PSK06 14 V DC power supply.