

TECHNICAL ADVICE

1. **Check** there is no earth braid touching the centre conductor on the coaxial cable.
2. **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).
3. **Is there now too much signal causing an overload effect to the VCR?** Try turning down the gain controls on the masthead unit, or select a smaller dB rating amplifier.
4. **If there is a white line moving through the picture:** Try a PSK06 14 V DC power supply.

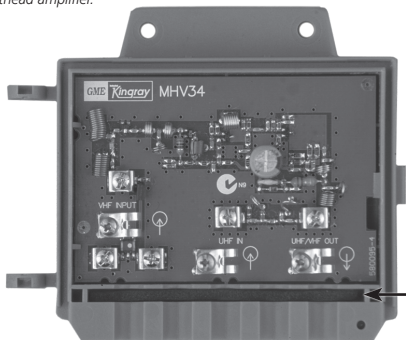
Kingray

Optimised for both Digital and
Analogue TV Signal Amplification

INSTALLATION MANUAL

MODEL MHV34 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.
- Mount with polypropylene securing strap on to mast or mount to a wall with cable connectors at the bottom.
- Best mounting location for masthead unit is on mast 30 cm to 100 cm below antenna.
- Ensure weatherproof strips remain in place.

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.

A Division of **Standard Communications PTY. LTD.**

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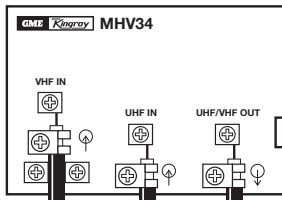
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INSTALLATION

The MHV34 is a low noise masthead amplifier designed to amplify VHF channels 0-12 by 38 dB and diplex UHF channels 28-69.

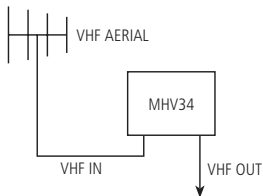
Note: Place MHV34 amplifier near the antenna(s) to improve the S/N ratio.



OPTION (A)

Amplifying VHF CH 0-12 by 38 dB

- 1) Connect VHF antenna to VHF input.
- 2) Connect Power Supply coax lead to output terminal.

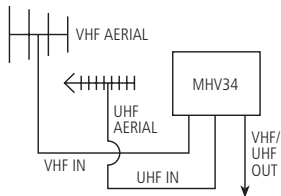


To PSK06 or PSK08 Power Supply

OPTION (B)

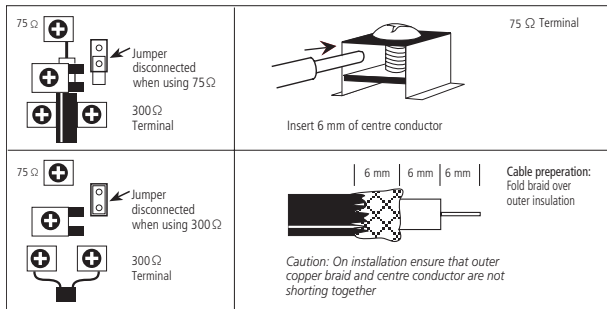
Amplifying VHF CH 0-12 by 38 dB Diplexing UHF CH 28-69 with no gain.

- 1) Connect VHF antenna to VHF input.
- 2) Connect UHF antenna to UHF input.
- 3) Connect Power Supply coax lead to output terminals.



To PSK06 or PSK08 Power Supply

CONNECTION TERMINALS



POWER SUPPLIES

Use models:

PSK08/F - 17.5 V AC, 100 mA.

PSK06/F - 14 V DC, 150 mA.

All these models are short circuit protected, allowing a short circuit to be tolerated for an indefinite period without harming to the unit. Removal of the short circuit will immediately allow the power supply to operate normally.

PRECAUTIONS

- For your safety, install any external aerial to AS1417.1.