



Q-Amp Digital Masthead Amplifier



Wallplate not included.

The Hills Antenna Q-Amp Digital Amplifier is a fully flexible high gain masthead amplifier, designed in Australia for domestic and commercial TV reception applications.

The Q-Amp contains separate VHF and UHF low noise pre-amplifiers, which are followed by a more powerful amplifier stage. A high pass filter ensures Band 1 (Ch 0 – 3) and FM signals are not amplified, ensuring better channel loading and improved impulse noise performance.

By switching either frequency to “low gain”, the pre-amplifier stage is bypassed and the gain is limited to avoid overloading the amplifier. This is recommended when signal levels are greater than approx. 60 dBuV.

Designed with a very low noise figure, minimum distortion and channel loading characteristics and adjustable gain, the Q-Amp can be adjusted to provide optimum reception in even the most difficult locations.

The Q-Amp is the solution to your many different installation applications. There’s no need for many different masthead amplifiers that are VHF only, UHF only or even wideband only.

The Q-Amp provides it all in a compact weatherproof case.

Model Number	
FC658261C	Q-Amp 4G Masthead Amplifier with PSU6F

Available From

National Phone: 1300 601 915
Email: orders@bitek.com.au

Bitek Pty Ltd
11 Sheppard Street
Hume
ACT 2620
Ph: 02 6260 1874

Bitek (Syd) Pty Ltd
Unit 7, 463 Victoria Street
Wetherill Park
NSW 2164
Ph: 02 9659 2272

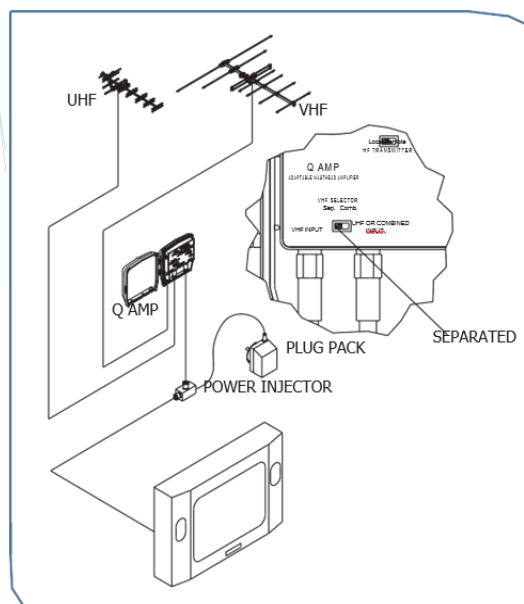
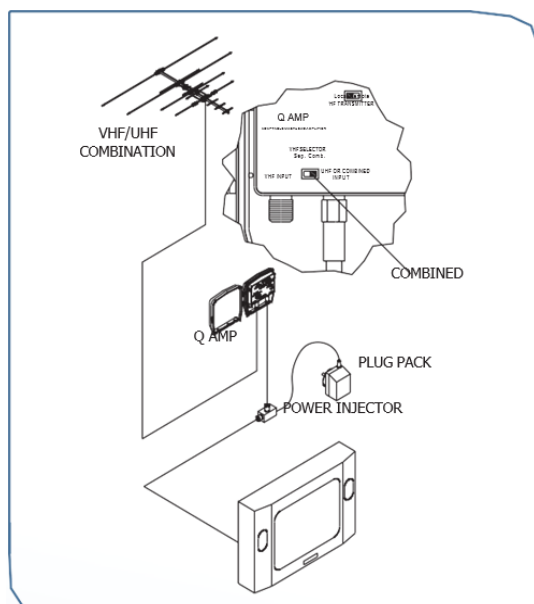
Bitek (Vic) Pty Ltd
7/1 Culverlands St
West heidelberg
VIC 3081
Ph: 03 9456 9222

Bitek (SA) Pty Ltd
1 Temple Court
Ottoway
SA 5013
Ph: 08 8395 4111

Features

- Amplifies VHF & UHF Channels
- Separate or combined VHF & UHF input options
- VHF/UHF/Lo gain (prevents overloading)
- Adjustable gains between amplifier stages
- Low noise figure
- Fully shielded enclosure to eliminate interference
- Weatherproof case included
- Power LED indicator
- Switchable inputs

Installation Layout



Specifications

Product Code	FC658261C
Model	Inc. PSU6F
Number of Channels	6-12 (VHF) & 28-51 (UHF)
Frequency Range	175-230/527-694MHz
VHF Gain	Local 0-8 & Remote 22-30dB
UHF Gain	Local 0-10 & Remote 24-34dB
Maximum Output	104dBuV (DIN45004B)
Connections	F-Type
Power supply	14VDC / 150mA
Noise Figure	<3.5dB @ VHF <2dB @ UHF
Stealing	IP55
Standards & Compliance	C-Tick approved AS/NZS CISPR 13:2004
4G Filter	✓