

Medium Wave NAS/HPON Band Down-Converter

Moves the NAS / HPON Narrowcaster Band 1602-1710 KHz down to 603-711 KHz

Code: C-CONV-AM2



Description:

A Medium Wave Band down converter specially designed for reception of the 1602-1710KHz NAS/HPON band on AM Tuners and Car Radios.

- Simple frequency conversion subtracts 999 KHz from desired frequency, to align with existing 9KHz AM channel spacing. ie:- 1620KHz In becomes 621KHz Out, similarly 1674KHz In becomes 675KHz Out
- Easy to install, connects between your radio's antenna and the radio's antenna socket.
- Easy to operate, apply power to activate the converter; normal AM Reception should disappear and down-converted NAS band reception will occur. Normal AM band operation of your radio is restored by turning off the converter power.
- FM Pass-Through at all times.
- Advanced filter circuit design, virtually removes all base-band reception whilst down-conversion is active, eliminating interference from stations on the same output frequency.

Specifications:-

- Input Frequency Range 1602 – 1710KHz converted to 603-711KHz
- Frequency Accuracy +/- <1KHz
- Input and Output on BNC Female Connectors
- 12 Volt powered; DC negative ground, consumption is <50mA@13.8v DC (reverse polarity protected)

Supplied accessories:-

- 1 x Instruction sheet
- 1 x DC Power Cable to open ends

Options:-

- Diecast housing is available Part No. C-CONV-AM2-DC
- Car Radio Lead set; 1 x BNC to Car Radio (MOT) Plug and 1 x BNC to Car Radio (MOT) Socket; Suffix -CAR
- 24 Volt model; Suffix -24V
- 240v AUS/NZ Plug Pack; Suffix -AC

Operation:

1. Connect the unit between your Car Radio Antenna and the Car Radio.
2. Apply power, the conversion process will then function
3. Tune your AM radio to the desired frequency subtracting 999 KHz

Installation Notes:

- 1/ Support the cables attached to the unit with Zip ties to avoid breakage of the connectors.
- 2/ To minimise any baseband ingress / interference, keep the converter output cable to receiver as short as possible !
- 3/ If you ordered the Diecast option, the converter may be attached by the two mounting holes in its base.

Notes: Reception is subject to the effects of signal propagation, local interference and the time of day. Interference from vehicle Electronic / Electrical system can cause problems, so for the best results, we recommend mounting the antenna well away from potential sources of interference.

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