

NM-TUNER

Standard TV Sequencing Tuner Multi-Channel Demodulator



The NetMedia TUNER demodulates one or more analog standard definition channels and outputs a single static or sequencing composite audio/video signal. Once demodulated, the selected channel(s) can be input into monitors, multiplexers, quads, DVR's, or any composite A/V device including HD and digital TV's. This provides convenient viewing access to modulated security cameras or analog antenna and cable TV signals.

Product Includes:

1. Tuner Assembly (Video Output Connector, 2 - Audio Output Connectors, RF Input Connector, Power Input Connector, End Plate, DIP Switches, Save Button, CABLE/AIR Switch, Power LED).
2. 12V DC 300mA Power Transformer (Center Conductor Positive).
3. RCA Video Cable.

Video Output Connector

RCA composite output for devices such as Quads, DVR's, LCD displays, etc.

Power LED

Indicates that unit is on.

Audio Output Connectors

Left and Right monaural output.

DIP Switches

Selects input channels (VHF/UHF 2-83 CABLE 2-135) and dwell time (1/10-16.5 sec).

End Plate

Remove to access Switch Bank, CABLE/AIR Switch, and Save Button.

RF Input Connector

Connects modulated input channels from video distribution system.

Power Input Connector

12V DC 300mA, center positive.

CABLE/AIR Switch

Selects for VHF/UHF/AIR or CABLE frequency tuning. Set to AIR when sequencing.

Save Button

Saves selected channel when using as sequencer. **Hold down while applying power to reset device.**

FEATURES

- Provides demodulated audio and video
- Perfect for existing modulated cameras
- Works with quads, multiplexers, and DVR's
- TV tuner for LCD, Plasma, or CRT monitors
- Uses composite input on HD and digital TV's
- Sequences multiple channels
- VHF, UHF, & CABLE channel coverage
- Channels retained during power outage
- Tough aluminum housing
- Includes power supply
- 1 year limited warranty

SPECIFICATIONS

Input Channels:	VHF/UHF 2-83, CABLE 2-135
Input Connector:	Female F, 75 Ohm
Input Cable Type:	RG59, RG6 or better
Video Output Signal:	Composite
Video Output Connector:	RCA Phono, 75 Ohm, 1 Vp-p
Audio Output Signal:	Monaural
Audio Output Connectors:	2 - RCA Phono, 75,000 Ohm, 1 Vp-p
Dwell Time:	Up to 16.5 sec. in 1/10 sec. intervals
Power Requirement:	12V DC, 300mA
Power Connector:	5.5mm OD, 2.1mm ID, center positive
Housing Size:	3.9" long x 5.5" wide x 0.9" high
Weight:	9.6 oz.

(subject to change without notice)

Installation Procedures:

1. Connect a video device to the tuner's RCA Video Output Connector. Adapter's such as BNC to RCA may be used as necessary. If audio is available, connect the tuner's monaural Audio Output Connectors to the output device.
2. Connect the coax cable from a modulated camera or distribution system to the tuner's RF Input Connector.
3. Remove the End Plate from the tuner assembly and select a channel with the DIP Switches as shown in Figure 1. For VHF/UHF antenna channels 2-83, move the CABLE/AIR Switch to **AIR**. For cable channels 2-135, move the CABLE/AIR Switch to **CABLE**. Note: the CABLE/AIR switch labels may be reversed (AIR/CABLE).
4. If sequencing from multiple channels then connect power to the unit. Press the Save Button to enter the current channel into memory. Select and Save all desired channels. When finished, move the CABLE/AIR switch to **AIR** (if not already on AIR) and set the DIP Switches for the dwell time in 1/10 second intervals as shown in Figure 1. To erase the last channel, set all switches OFF and press the Save Button once for every setting to remove. To erase all channels and reset the unit, press and hold the Save Button while applying power.
5. Replace the End Plate and connect the 12V DC 300mA power supply to the Power Connector and an AC outlet.

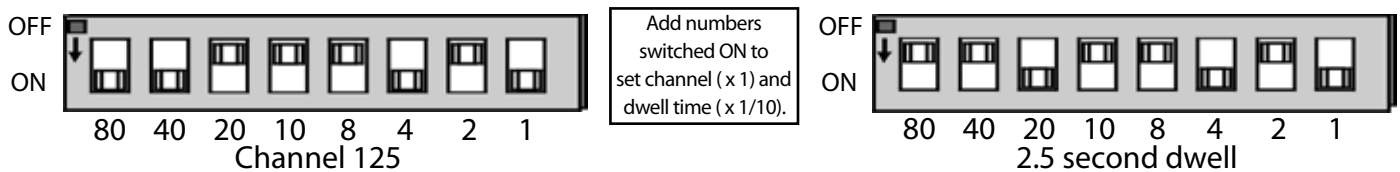


Figure 1 - Selecting channels and dwell time with the DIP Switches. Valid channels are VHF/UHF/AIR 2-83, CABLE 2-135. Valid dwell times are 1/10 to 16.5 seconds after multiple channels are saved (1=1/10 sec., 10=1 sec.).



Figure 2 - Connecting the tuner to a modulated camera and video device such as a Quad, Sequencer, or DVR.

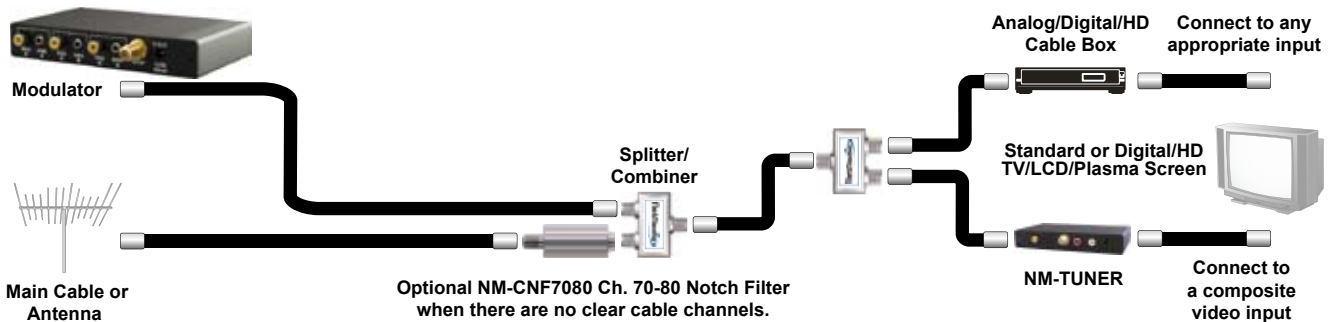


Figure 3 - Connecting the tuner from a distribution system that includes a modulator to the composite video input of a standard or HD TV/LCD/Plasma screen.