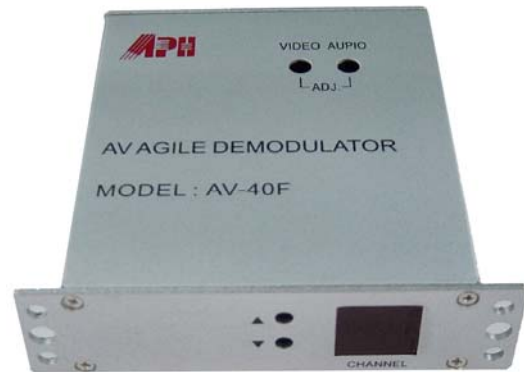


## AV-40F Agile Demodulator USER'S MANUAL

### General Operation:

- Connect the standard audio and video cables to the audio output socket on the rear panel respectively.
- Make sure the RF input level to the demodulator should be 60-80dB $\mu$ V. 70 dB $\mu$ V is typical.
- When using one demodulator only, insert the power plug of the demodulator to a power supply socket directly. When using more than one pieces of demodulators, please insert the first demodulator's power plug into the next demodulator's power socket, it's not more than 60%.
- The demodulator should be well grounded.



### Notice:

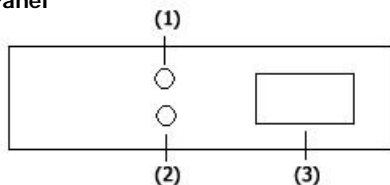
- Avoid storing in a damp place.
- Be sure to operate carefully since the demodulator has no power on/off switch.
- Any problem, please resort to the supplier for help.

### Specifications:

Items	Specifications
Input Frequency	45MHz – 860MHz
Input Level	60-80dB $\mu$ V (70 dB $\mu$ V is typical)
Input Return Loss	7dB
Video Output Level	1 $\pm$ 0.2Vp-p
Video Output Impedance	75 $\Omega$
Video Flatness	$\pm$ 2dB (0.1MHz~5MHz)
Differential Gain	$\pm$ 6%
Differential Phase	$\pm$ 6%
Audio Output Level	0.775V
Flatness	$\pm$ 1.5d(40Hz~12KHz)
Power Voltage	12Vdc

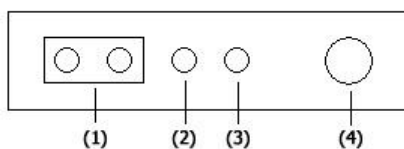
### Panel Illustration

#### Front Panel



(1)	Channel $\blacktriangle$ Key
(2)	Channel $\blacktriangledown$ Key
(3)	Channel Display LED

#### Rear Panel



(1)	Power 12VDC
(2)	Audio Output (RCA Female)
(3)	Video Output (RCA Female)
(4)	RF INPUT (F-Connector Female)