

SETUP



SETTINGS: Configure device settings including Date/Time, Speaker Level, auto power off and automatic gain control.

LIMITS: Configure limits for signal levels. (Pass Level Limit is default set to -60 dBm. Note: most TV tuners will require a minimum power of $\geq$ -65dBm to Scan and identify as a valid Channel)

FILE EXPLORER: Edit and delete saved configurations including user settings, touch screen calibration, compass calibration, meter calibration and OFF-AIR ATSC PLAN. Trash Can symbol will allow you to delete a saved configuration and the notepad/pencil symbol will allow you to edit the saved OFF-AIR ATSC PLAN.

CALIBRATION: Configure touch screen and compass calibrations. (Meter calibration is set at the factory and is NOT configurable.)

FIRMWARE: Displays the current firmware version and allows for new firmware to be updated in the future (no new updates are planned).

EDIT ATSC PLAN SCREEN

Navigate to this configuration screen by pressing Setup>File Explorer>OFF-AIR ATSC PLAN. In this screen you can assign a Virtual Channel number and select or hide specific channels for use in both LEVEL and SCAN screens.

EDIT ATSC PLAN 10:08 PM				
Ch	V#	Freq	Type	Use
2		57.000	8 VSB	☒
3		63.000	8 VSB	☒
5		79.000	8 VSB	☒
6		85.000	8 VSB	☒
7		177.000	8 VSB	☒
8		183.000	8 VSB	☒
9		189.000	8 VSB	☒
10		195.000	8 VSB	☒

Real Channel Number

Assign Virtual Channel Number (Optional)

Return to previous Screen

Select/Unselect Down

Included in ATSC Plan (if checked)

CONTENTS

1. Signal Level Meter
2. Carrying Case
3. Stylus
4. AC Power Adapter
5. USB/Charging Cable
6. Quick Start Guide



Channel Master

SIGNAL LEVEL METER

Quick Start Guide

Measures ATSC (8VSB) Broadcast TV Antenna Signals



CM-1005

GETTING STARTED

The Channel Master CM-1005 Signal Level Meter is intended for use when installing or servicing OVER-THE-AIR broadcast TV Antenna systems. The Signal Level Meter is designed to measure and display ATSC OVER-THE-AIR broadcast TV Antenna signal levels.

Connection: Connect a coaxial cable from the TV antenna network to the coaxial input port located on the top of the Signal Level Meter. (Flip open cover on top to access coaxial input port)

Power On: Press and hold power button  for one second.

Power Off: Press and hold power button  for two seconds.

HOME SCREEN



Level: Measures and displays signal level by channel and frequency

Scan: The scan feature measures and displays the signal levels of a group of channels/frequencies on a single screen. (All channels/frequencies will display as default if an "OFF-AIR ATSC PLAN" is not set)

Setup: The setup menu provides access to all device configuration settings.

Return to Home Screen: When on any menu screen, return to the home screen by pressing the home symbol  or the power button .

ATSC LEVEL SCREEN

To access the ATSC LEVEL screen, press LEVEL on the HOME Screen.

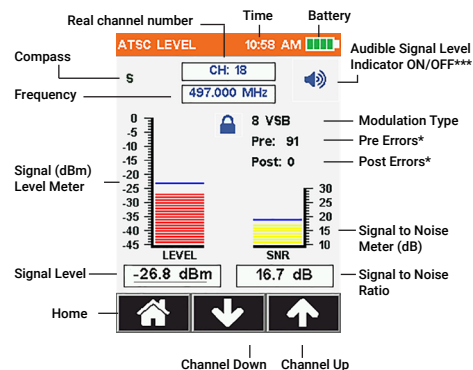
***Pre Errors:** Errors in the data that are automatically corrected by a TV's error correction algorithm.

***Post Errors:** Errors in the data that cannot be corrected and may cause signal reception issues.

****AMP/Automatic Gain Control:** AGC helps identify if an amplifier may help achieve desirable signal power.

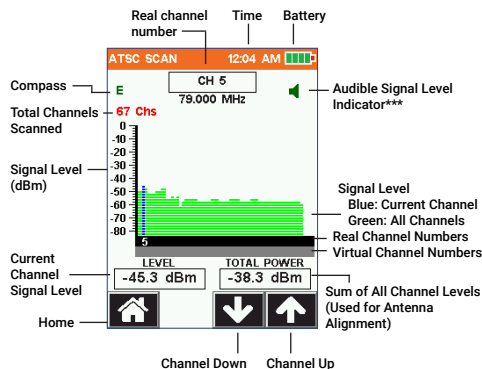
If "AMP" is displayed, automatic gain control is set to AUTO/ON and an internal amplifier is being used to receive signals. (This feature is used to determine when an amplifier should be used in a TV antenna setup)

*****No Tone is present if signal level is below -79dBm**



ATSC SCAN SCREEN

To access the ATSC SCAN screen, press SCAN on the HOME Screen. (All Channels are displayed by default. Changes can be made in Setup > File Explorer > OFF-AIR ATSC PLAN if only a specific set of channels are desired to be displayed)



WARRANTY INFORMATION

For Product Warranty information please visit us online at www.channelmaster.com/warranty