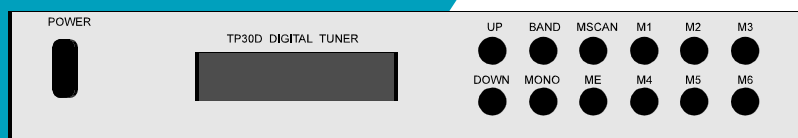


Digital AM/FM Tuner

Model TP-30D



User's Guide

Specifications

Band Coverage	.....
AM	.....530 - 1620KHz
FM	.....87.5 - 107.5MHz
Tuning	.....PLL Synthesizer
Channel Indicator	.....LCD Panel
Station Tuning	.....Pushbutton
Pre-Set Memory	.....FM-18/AM-12
Memory Scan	.....Preset Stations
Antenna Connectors	...FM - 75 Ω , 300 Ω , AM
Audio Output	.....1V, Stereo Out
Output Terminals	.....RCA jacks
Accessories Included	...AM Loop, FM Dipole, Stereo Patch Cord, Stereo to Mono Patch Cord

Before You Begin

Your Bogen TP-30D Digital Tuner incorporates the latest in PLL digital circuitry for reliable performance for years to come. To get the maximum benefit from your Bogen product, please read all instructional materials provided with the unit.

Unpacking

The TP-30D is carefully checked before leaving the factory. Inspect the shipping carton and unit for damage caused by improper handling. If damage is found you must file a claim with the transportation company that delivered the product.

WARNING

To Prevent Fire or Shock Hazard, Do Not Expose This Appliance to Rain or Moisture.

Antenna Connection

FM Dipole Antenna

The indoor dipole antenna provided should be adequate for normal FM reception.

1. Connect the antenna leads to the two terminals marked **300 OHM BAL.**
2. Move the antenna around to determine the best reception; tack it to a wall or baseboard, if possible.

For reception where the unit is installed in a rack, an external antenna installed in accordance with National Electric Codes, is required.

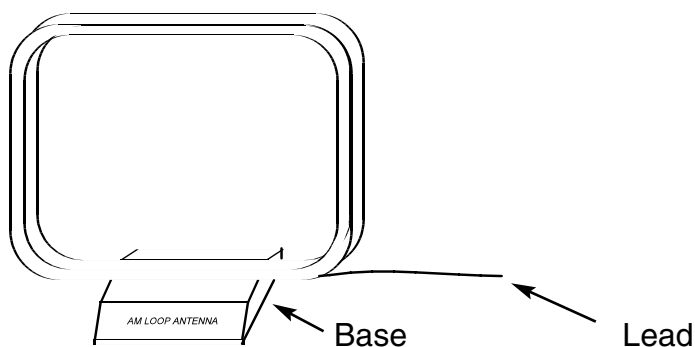
1. Connect the external antenna leads to the **300 OHM BAL** terminals.

For applications using coaxial cable, a **75 OHM** coaxial cable connector is provided.

AM Loopstick Antenna

The TP-30D is provided with an external AM antenna for AM reception.

1. Carefully pull the antenna lead from the holding notch in the antenna and unwind the lead from the loop.
2. Connect the antenna leads to the terminals marked **AM ANT**.
3. Fold the antenna so that it snaps into the base forming a free-standing unit (see diagram).
4. Position the antenna for best reception. If desired, the antenna may be permanently mounted using screws through the two holes in the base.



Audio Connections

Two audio patch cords are provided to make audio connections. One cord is a stereo patch cord (2 RCA plugs at each end) and one is a stereo-to-mono cord (2 connectors at one end, 1 connector at the other end).

1. Connect the two plugs from one end of either cord to the **R** and **L OUTPUT** terminals on the TP-30D.
2. Connect the other end of the cable to the high-level input (AUX, HI-Z TUNER) of an audio pre-amplifier.

Operation

Power

Press the front panel **POWER** switch to apply power. Adjust the volume to the appropriate level using the amplifier volume controls.

To Select a Band

Press the button marked **BAND**. The current band appears on the display: FM1, FM2, FM3, AM1 or AM2.

You can preset up to six stations on each band for a total of 30 preset stations (18 FM and 12 AM).

To Tune a Station

Press the **UP** or **DOWN** buttons.

To Preset Stations

1. Select a band and tune the first desired station.
2. Press the **ME** button and then one of the “**M**” buttons; for example, **M1**. (The preset number appears on the display as: *CH1*.)
3. Tune the next station, press **ME** and the **M2** button, etc., for the 2nd through 6th preset.

To Scan Preset Stations

1. Select a band. The first preset station (*CH1*) will appear on the display.
2. Press the button marked **MSCAN**. Each preset station will play for a few moments in turn while scanning.
3. To select a station during scanning, press the “**M**” button that corresponds to the *CH* number on the display.

Maintenance

CAUTION

There are no user serviceable parts within the tuner. To avoid an electric shock hazard, refer all internal servicing to qualified service personnel only.

The warranty will become void if repairs are made by other than the Bogen Factory Service Center.

We are interested in the maintenance of your Bogen equipment. In the event of any difficulty, do not hesitate to ask our advice or assistance. Information may be obtained by writing to the Service Department, Bogen Communications, Inc., P.O. Box 575, Ramsey, NJ 07446.

When communicating with us, please give the model number of your unit. Describe the difficulty encountered and include details on the electrical connections to associated equipment.

For warranty and repair information, please refer to the warranty registration card included with the unit.

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