

# Digital Stereo Tuner

## Model DST1



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### Description

The Bogen **DST1 Digital Stereo Tuner** is ideal as a background music source in sound systems of all sizes. It incorporates a digital PLL-synthesized tuner for precise reception of FM and AM signals. Tuning is accomplished by pushbuttons with frequency readout appearing on an alphanumeric, fluorescent display panel.

The DST1 features the ability to store up to 60 total presets (FM and AM). Stations can then

be selected individually by pushbutton or by scanning the preset stations.

The tuner operates from nominal 120V AC, 60 Hz. It is designed for shelf- or rack-mounted installation and is one rack space (1 RU) high. Removable rack ears are included with the unit.

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### Features

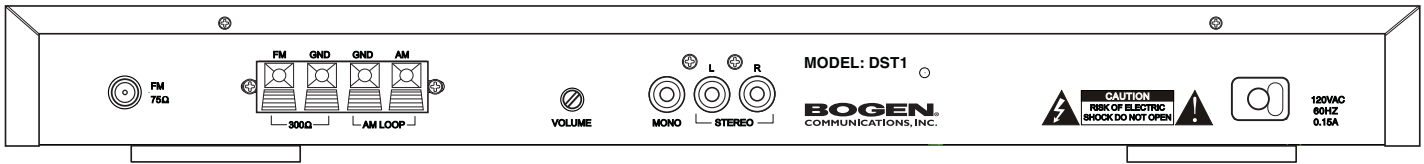
- PLL-synthesized tuning with digital readout
- FM Frequency range: 87.00 to 108.05 MHz
- AM Frequency range: 530 to 1710 kHz
- 60 Presets total (FM and AM), with scan feature
- Stereo and Mono outputs (1V minimum) via RCA jacks
- Alphanumeric, fluorescent display panel
- Connectors for 75-ohm FM, 300-ohm FM, and AM loop antennas
- FM dipole and AM loop antennas included
- Volume Control (rear panel-mounted)
- Operates from nominal 120V AC, 60 Hz
- Included accessories: Handheld Remote Control and Stereo Output Cable
- Shelf- or rack-mounted installation, one rack space high (removable rack ears included)

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Specifications subject to change without notice.

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Part No. 54-8023-43B 0910



## Technical Specifications

<b>Band Coverage:</b>	FM: 87.00 to 108.05 MHz; AM: 530 to 1710 kHz
<b>Tuning:</b>	PLL-Synthesized
<b>Channel Indicator:</b>	Alphanumeric, fluorescent display
<b>Station Tuning:</b>	Pushbutton
<b>Preset Memory:</b>	60 Total stations (FM and AM)
<b>Memory Scan:</b>	Preset stations
<b>Antenna Connectors:</b>	FM: 75-ohm, coaxial; 300-ohm, push-release AM: Push-release
<b>Output:</b>	Stereo/Mono Out via RCA jacks; 1 volt minimum
<b>Program Selection:</b>	Pushbutton, via front panel or Remote Control
<b>Output Terminals:</b>	RCA Jacks
<b>Controls:</b>	Power, Intro, Memory, Channel, AM/FM, Tuning, Stereo/Mono, Volume
<b>Power Required:</b>	120V AC nominal, 60 Hz, 0.15A max.
<b>Dimensions:</b>	16-7/8" W × 1-3/4" H × 10" D (without feet) 16-7/8" W × 2" H × 10" D (with feet attached)
<b>Product Weight:</b>	4.75 lb.

## Architect & Engineer Specifications

The tuner shall be a Bogen DST1 Digital Stereo Tuner. It shall incorporate a digital PLL-synthesized tuner for precise reception of FM and AM signals.

All tuning shall be accomplished by pushbutton. An alphanumerical readout of frequency shall be displayed on a bright fluorescent display panel.

FM frequency range shall be from 87.00 to 108.05 MHz. AM frequency range shall be from 530 to 1710 kHz.

It shall be possible to select up to 60 total preset stations (FM/AM). It shall be possible to select stations individually by pushbutton or by scanning the preset stations.

A stereo and mono output of 1 volt minimum shall be provided via RCA jacks. A stereo output cable and remote control shall be included with the unit. A rear-mounted volume control shall be provided to attenuate the output signal.

Connectors shall be provided for 75-ohm FM, 300-ohm FM, and AM loop antennas. FM dipole and AM loop antennas shall be included with the unit.

The tuner shall operate from nominal 120V AC, 60 Hz.

Dimensions shall be 16-7/8" W × 1-3/4" H × 10" D. With included feet for shelf placement, the unit shall be 2" H. Weight shall be 4.75 lb.

The tuner shall be designed for shelf- or rack-mounted installation and shall be one rack space (1 RU) high. Removable rack mounting ears shall be included.

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