

marantz®

Stereo Tuner
ST6001



Also black available

ST6001 FM/MW/LW Stereo tuner

The ST6001 tuner's high-sensitivity front-end and quartz-locked digital tuning ensure low noise signal processing and drift-free reception of stereo FM, MW and LW. Two antenna input A & B allows to connect terrestrial and cable radio parallel. For the high level of cable an attenuator is choose able where needed. Wide/narrow switching makes it possible to choose between sensitivity and selectivity when tuning, to choose the best sound quality. 60 Presets across all wavebands provide instant recall of preferred stations. A D-Bus simplifies total system remote controlling. The solid aluminum front panel reflects the attention to detail of an exceptional stereo tuner that upholds the Marantz tradition for quality.

NEW



R A N G E S E R I E S

because music matters

Features

- Customized capacitors
- 60 presets programmable
- Radio Data System (RDS)
- Band Width selector
- Sleep & Timer function
- Manual station name input
- D-Bus

Benefits

- Special selection of audiophile capacitors to give the best possible sound quality
- Instant recall of up to 60 of your favorite stations
- Additional useful and convenient information about or from your favorite broadcasts
- Best possible whistle-free reception by narrowing the tuned band within densely used frequency bands.
- Fall asleep or wake up by the sound of your favorite station
- Allows changing or adding the name of favorite radio stations
- Flexible Marantz system integration and intelligent system adaptation

Technological glossary:

Top quality radio reception

The ST6001 continues the legendary Marantz tradition of tuner performance with a digitally-synthesized "front end" optimized for both high sensitivity and high selectivity. This makes the ST6001 a great choice for both urban and rural areas. The audio circuitry follows this same high-quality pattern with custom-selected parts in a meticulous layout to maximize signal quality while minimizing interference. In addition, the ST6001 boasts a wide variety of convenience features including 60-station programmability with custom naming to help you get to your favorite broadcasts easily. The sleep timer function lets you fall asleep to the station of your choice. Get the best radio broadcasting quality into your house with the ST6001.

Customized Components

Every Marantz product is designed with a fine ear and eye for details. The designers have to know the characteristics of every component. On paper the component might look excellent but the result may fall short of the combined design expectations. Therefore Marantz collects vast amounts of information upon specific component performance capabilities. The result guarantees Marantz selects the appropriate components for the specific design application. The sonic result is then critically acclaimed by international reviewers. In other cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz only in co-operation with the Marantz engineers.

Bandwidth selector

For the real radio listener this feature is essential! On the very densely used FM frequency band (especially on the cable radio network), noise and whistler adjustment to your favorite radio station can be very difficult. In this case the Band Width Selector brings you audio relief. With this feature you can narrow the filtered bandwidth, resulting in accurate tuning to your favorite radio station. The wide bandwidth selection offers the best sound quality.

Radio Data System (RDS)

Information about your favorite radio station on the dot matrix display of your tuner! The Radio Data System provides information about general things like the name of the radio station, program type of the tuned program, displaying of the actual time and radio text with additional information to played music.

Sleep & Timer function

The sleep/timer function offers full programmability of the switch on and off operation of the system, including the amplifier. Very useful when you want to record a timed radio broadcast or if you want to be awakened by your audio system.

Manual station name input

Add the name of your choice to your 2 favorite radio station. With Manual Station Name Input you decide what name comes up in the display of your tuner, especially when the radio station does not provide RDS information.

Marantz D-Bus

To optimize equipment in terms of ease of use, Marantz has designed the D-Bus system. Individual devices inform each other, in order to automatically tune to the customers demands. At the same time received remote control commands are communicated via this bus. This enables equipment without IR-receiver, like a cassette deck or tuner, to be controlled via a Marantz System Remote Controller.

Environmental friendly

Every electronic equipment product is built of single electrical components that are made of different material and substances. Marantz assure that the components used in our products are free of any dangerous material or substance to keep our environment clean. We have for example removed hazardous substances like lead in the solder.

Bypacked accessories

- User manual
- 1 Pair audio cinch cable
- D-Bus cable
- FM antenna
- AM loop antenna

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FEATURES

| | |
|-------------------------------------|---------------------|
| Broadcast bands: DAB / FM / MW / LW | -/•/•/• |
| Dual Gate MOS-FET | • |
| Phase Lock Loop Synthesizer | - |
| IF Bandwidth Selector | • |
| High Alternate Channel Selectivity | - |
| HDAM | - |
| Customised Components | • |
| System Blocks Shielding (front end) | • |
| Presets | 30 x 2 |
| Auto Tuning | • |
| RDS: PTY/PS/CT/TA/TP | •/•/•/•/• |
| RDS: EON | - |
| Station Naming | • |
| Sleep / Timer | •/• |
| Birdy Whistle Elimination Circuitry | • |
| Gyro Touch Tuning | - |
| Display dimmer | • (via external RC) |

DAB Features

| | |
|----------------|---|
| DRC | - |
| Digital filter | - |
| D/A Converter | - |

IN/OUTPUTS

| | |
|------------------------------------|---------|
| Analogue Out | 1 |
| D-Bus In/Out | 1 |
| DAB terminal (1F) | - |
| FM Antenna | 2 (A/B) |
| AM Antenna | 1 |
| Digital Outputs: Coaxial / Optical | - |
| RDI output: Coaxial / Optical | - |

SPECIFICATIONS

DAB SECTION

| | |
|---|---|
| Receiving Range | - |
| Signal to Noise Ratio (Mono/Stereo) | - |
| Total Harmonic Distortion (Mono/Stereo) | - |
| Frequency response | - |
| Channel Selectivity | - |
| Usable Sensitivity | - |
| Stereo Separation | - |

TUNER SECTION FM

| | |
|---|----------------------------|
| Frequency Range | 87.5 - 108 MHz |
| Signal to Noise Ratio (Mono/Stereo) | 80 / 75 dB |
| Total Harmonic Distortion (Mono/Stereo) | 0.08 / 0.15 % |
| Frequency response | 20Hz - 15kHz (+0,5dB/-3dB) |
| Channel Selectivity | 65 dB |
| Usable Sensitivity | IHF 1.2 μV / 16.4 dBf |
| Stereo Separation | 1 kHz, 50 dB (Stereo) |

TUNER SECTION AM

| | |
|--------------------------------|--------------------------|
| Frequency Range: | 152-280 / 531 - 1602 kHz |
| MW / LW | 1602 kHz |
| Signal to Noise Ratio: MW / LW | 50 / - dB |
| Distortion | 1%(85 dB m) |
| Channel Selectivity | ± 20 kHz 30 dB |

GENERAL

| | |
|---|------------------|
| Available colors: Platinum/Gold/ Silver/Black | -/•/•/• |
| Metal Front Panel | • |
| Remote Control | - |
| Power Consumption | 7.6 Watts |
| Detachable Power Cable | - |
| Maximum Dimensions (W x D x H) | 440 x 307 x96 mm |
| Weight | 3.8 kg |

Design and specifications are subject to change by Marantz without notice.

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