

marantz®

STEREO TUNER ST-17 M



Gold available

ST-17 Modified FM/MW/LW Stereo tuner

The ST-17 M Premium AM/FM/FM stereo RDS tuner continues the Marantz tradition of providing the ultimate in precision tuner performance. The ST-17 M incorporates a number of sophisticated engineering and design innovations that enable it to capture even weak FM stations with crystal-clear reception and audiophile-quality sound, and is constructed using the highest-quality components for unshakable reliability and stability.

R·D·S
RADIO DATA SYSTEM

50 PRESET

ID BUS

HDAM

GYRO-TOUCH
TUNING

CUSTOMISED
CAPACITORS

IF BAND
SWITCH

P R E M I U M S E R I E S

because music matters

Features:

- Radio Data System (RDS)
- 60 Programmable presets
- Gyro touch
- HDAM
- Band Width selector
- Manual station name input

Benefits:

- Additional information on radio broadcast such as Traffic Information, Text information and Programme type
- Instant recall of up to 60 favourite stations
- Offering easy broadcast selection with the precision of the past
- High slew rate and superb dynamics characterise the unique Marantz HDAM amplifier stages
- Best possible whistle-free reception by narrowing the tuned band width in densely used frequency bands
- Allows to add the name of favourite radio stations if not broadcasted or to customize given names

Technological glossary:

When only the best will do

The ST-17 M tuner is the best choice for the real radio broadcasting lovers and matches perfectly with the Marantz components from the Premium series. It has two switchable aerial inputs to always provide the best reception. Even in case of weak radio signals, the tuner is able to achieve painstaking accuracy. With its highly solid casing, disturbing influences do not affect the extremely sensitive tuner unit.

Radio Data System (RDS)

Information about your favourite radio station on the display of your tuner! The Radio Data System provides information about general things like the name of the radio station, programme type of the tuned program, displaying of the actual time and the interruption of a broadcast to allow daily news or traffic information.

Gyro touch

From our heritage, Gyro-Touch tuning, implemented by Marantz provides maximum ease of use! With today's digital tuning extra sensitivity is achieved to provide fast Gyro Touch tuning to your chosen radio station.

Band Width selector

For the real radio listener this feature is essential! On the very densely used FM frequency band, noise and whistler adjustment to your favourite 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 favourite radio station. The wide bandwidth selection offers the best sound quality.

Manual station name input

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

HDAM

Audio devices are usually equipped with Op-Amps (operational amplifiers) for which Integrated Circuit (IC) are commonly used. Unfortunately these IC's do not match the very high



requirements of Marantz. Marantz developed its own discrete circuit boards to replace the IC's. These HDAM's consist of discrete surface mount components with short mirror image L/R signal paths. These devices are

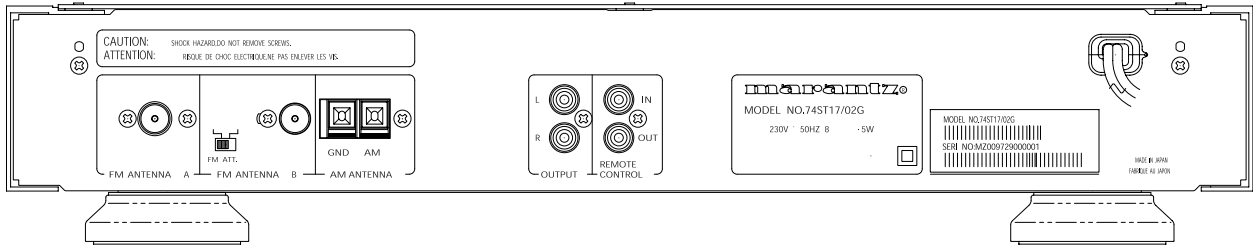
doing exactly the same thing as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate, resulting in a much more dynamic, accurate and detailed sound.

D.Bus

To optimise 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 customer's demands. Also 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 Remote control.

Bypacked Accessories

- User manual
- Power cable
- 1 Pair Audio cinch cable
- FM Antenna
- AM Loop Antenna



ST-17 Modified

Preliminary Specifications

FEATURES

High Alternate Channel Selectivity	A/B
HDAM	•
Customised Components	•
System Blocks Shielding (front end)	•
Presets (random)	60
Auto Tuning	•
RDS	PTY, PS, RT, CT
Station Naming	•
Sleep/Timer	•/-
Birdy Whistle Elimination Circuitry	•

GENERAL

Color	Gold / Platinum
Metal Front Panel	•
Remote Control	-
Power Consumption	8.5 W
Detachable Power Cable	-
Maximum Dimensions (W x D x H)	458 x 86 x 315 mm
Weight	6.8 kg

IN/OUTPUTS

Analogue Out	1
D-Bus In/Out	1
FM Antenna	A/B
AM Antenna	1

SPECIFICATIONS

TUNER SECTION FM

Frequency Range	87.5 - 108 MHz
Signal to Noise Ratio (Mono/Stereo)	80/73 dB
Total Harmonic Distortion (Mono/Stereo)	0.05/0.08 %

Channel Selectivity	70 dB
Usable Sensitivity	IHF 1.8 μ V/16.4 dBf
Stereo Separation	1 kHz, 55 dB (Stereo)

TUNER SECTION AM

Frequency Range: MW / LW	152-280 / 531 - 1602 kHz
Signal to Noise Ratio: MW / LW	54 dB / 52 dB
Distortion	0,002
Channel Selectivity	\pm 20 kHz 50 dB

Design and specifications are subject to change by Marantz without notice

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