

ST-15S1 - Premium Tuner

Purely for the purist: the ST-15S1 DAB and FM tuner. It rounds off the Marantz Premium Range as a fully complete collection. What's more it means that you can now indulge in Digital Audio Broadcasting like never before, with more radio stations (200 presets), better and more robust hiss-free reception, and scrolling text information. It comes with a solid aluminium front panel and rigid chassis to eliminate interference, as well as the unique "Gyro Touch": Marantz's highly popular horizontal rotary selector, first introduced in the 70s and now reserved for only the best of the best. The ST-15S1 also includes immaculate power supply regulation, easy tuning, and high-quality audio DAC. And with a final touch of style, the switchable blue illumination means that stereo radio has never sounded and looked this good.

MAIN FEATURES

- DAB dual band and analogue tuner
- Gyro Touch tuning
- Band III, Band L, Stereo FM and MW reception
- 192kHz/24-bit audio DAC
- High grade audio components
- RDS
- 200 presets
- Optical and Coaxial digital output

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ST-15S1



| DAB/FM/MW/LWo/o/o/-Phase Lock Loop Synthesizer0Customised Components0Presets100 (DAB) / 100 (FM/AM)Auto tuning0RDS: PTY/PS/RT0/o/oBirdy Whistle Elimination Circuitry0Full dot matrix display0Gyro Touch Tuning0DRC0DRC0Digital FilterAD1852D/A Converter1282Hz/24-bitD/A Converter1292HHz/24-bitDAB terminal (IF)1FM Antenna1AMAntenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDC to day angle (Band III/Band L)0/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0,007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | SPECIFICATIONS | ST-15S1 |
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| Customised ComponentsoPresets100 (DAB) / 100 (FM/AM)Auto tuningoRDS: PTY/PS/RTo/o/oBirdy Whistle Elimination CircuitryoFull dot matrix displayoGyro Touch TuningoDAB FEATURESDRCoDjgital FilterAD1852D/A Converter192kHz/24-bitN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-busoRECIFICATION DAB-/1Receiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | DAB/FM/MW/LW | o/o/o/- |
| Presets100 (DAB) / 100 (FM/AM)Auto tuning0RDS: PTY/PS/RT0/0/0Birdy Whistle Elimination Circuitry0Full dot matrix display0Gyro Touch Tuning0DAB FEATURES0DRC0Digital FilterAD1852D/A Converter192kHz/24-bitMAlogue Out1DAB terminal (1F)1FM Antenna1Analogue Out1/1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1TUNER SECTION DAB1Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Phase Lock Loop Synthesizer | 0 |
| Auto tuningoAuto tuningoRDS: PTY/PS/RTo/o/oBirdy Whistle Elimination CircuitryoFull dot matrix displayoGyro Touch TuningoDAB FEATURESIDRCoDigital FilterAD1852D/A Converter192kHz/24-bitIN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-busoRDI Output: Coaxial/Optical-/1SPECIFICATIONSITUNER SECTION DABIReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Customised Components | 0 |
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| Birdy Whistle Elimination CircuitryoFull dot matrix displayoGyro Touch TuningoDAB FEATURESDRCoDigital FilterAD1852D/A Converter192kHz/24-bitIN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-busoRDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Auto tuning | 0 |
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| Gyro Touch TuningoDAB FEATURESiDRCoDigital FilterAD1852D/A Converter192kHz/24-bitIN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-busoRDI Output: Coaxial/Optical./1SPECIFICATIONSITUNER SECTION DABo/oReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion6/107%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Birdy Whistle Elimination Circuitry | 0 |
| DAB FEATURESDAB FEATURESDRCODigital FilterAD1852D/A Converter192kHz/24-bitIN/OUTPUTSAnalogue Out1DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet0D-busRDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Full dot matrix display | 0 |
| DRCoDigital FilterAD1852D/A Converter192kHz/24-bitIN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1SPECIFICATIONS1TUNER SECTION DAB0/0Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion5Hz-20kHz (+0.5/-0.5dB) | Gyro Touch Tuning | 0 |
| Digital FilterAD1852D/A Converter192kHz/24-bitIN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1SPECIFICATIONS103dBTUNER SECTION DAB0/0Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | DAB FEATURES | |
| D/A Converter102kHz/24-bitD/A Converter192kHz/24-bitIN/OUTPUTS1Analogue Out1DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1SPECIFICATIONS-/1TUNER SECTION DAB0/0Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | DRC | 0 |
| IN/OUTPUTSAnalogue Out1Analogue Out1DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1SPECIFICATIONS-/1TUNER SECTION DAB-Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Digital Filter | AD1852 |
| Analogue Out1DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DAB-/1Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | D/A Converter | 192kHz/24-bit |
| DAB terminal (1F)1FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-bus0RDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DAB-/1Receiving Range (Band III/Band L)0/0Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | IN/OUTPUTS | |
| FM Antenna1AM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-busoRDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Analogue Out | 1 |
| AM AntennaIAM Antenna1Digital outputs: Coaxial/optical1/1Ethernet-D-busoRDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | DAB terminal (1F) | 1 |
| Digital outputs: Coaxial/optical1/1Ethernet-D-busoRDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | FM Antenna | 1 |
| Ethernet-D-busoRDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | AM Antenna | 1 |
| D-bus o RDI Output: Coaxial/Optical -/1 SPECIFICATIONS TUNER SECTION DAB Receiving Range (Band III/Band L) o/o Signal to Noise Ratio (Mono/Stereo) 103dB Total Harmonic Distortion 0.007% Frequency Response 5Hz-20kHz (+0.5/-0.5dB) | Digital outputs: Coaxial/optical | 1/1 |
| RDI Output: Coaxial/Optical-/1SPECIFICATIONSTUNER SECTION DABReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Ethernet | - |
| SPECIFICATIONS TUNER SECTION DAB Receiving Range (Band III/Band L) o/o Signal to Noise Ratio (Mono/Stereo) 103dB Total Harmonic Distortion 0.007% Frequency Response 5Hz-20kHz (+0.5/-0.5dB) | D-bus | 0 |
| TUNER SECTION DABo/oReceiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | RDI Output: Coaxial/Optical | -/1 |
| Receiving Range (Band III/Band L)o/oSignal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | SPECIFICATIONS | |
| Signal to Noise Ratio (Mono/Stereo)103dBTotal Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | TUNER SECTION DAB | |
| Total Harmonic Distortion0.007%Frequency Response5Hz-20kHz (+0.5/-0.5dB) | Receiving Range (Band III/Band L) | 0/0 |
| Frequency Response 5Hz-20kHz (+0.5/-0.5dB) | Signal to Noise Ratio (Mono/Stereo) | 103dB |
| | Total Harmonic Distortion | 0.007% |
| | Frequency Response | 5Hz-20kHz (+0.5/-0.5dB) |
| Stereo Separation 100dB | Stereo Separation | 100dB |

| TUNER SECTION FM | |
|-------------------------------------------------|----------------------------|
| Frequency range | 87.5-108 MHz |
| Signal to Noise Ratio (Mono/Stereo) | 74dB/68dB (IHF) |
| Total Harmonic Distortion (Mono/Stereo) | 0.2% / 0.3% |
| Frequency Response | 20Hz - 15kHz (+0.5 / -1dB) |
| Channel Selectivity (FM) | 50dB +/-400kHz |
| Usable Sensitivity | IHF 1.1 uV/12.2 dBf |
| Stereo separation | 43dB (1kHz, stereo) |
| TUNER SECTION AM | |
| Frequency Range: MW/LW | 531-1602kHz / - |
| Signal to Noise Ratio: MW / LW | 53dB/- |
| GENERAL | |
| Available colors: Gold/Silver/Black/Silver-Gold | 0/0/-/- |
| Metal Front Panel | 0 |
| Remote Control | - |
| Power Consumption in W | 12 |
| Standby Consumption in W | - |
| Detachable Power Cable | 0 |
| Maximum Dimensions (WxDxH) in mm | 440x416x123 |
| Weight in kg | 12.3 |
| | |

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