

Data Sheet

ST2-SERIES DUAL SMART TUNERS

ST2, ST2-XM, ST2-XM2



As RNET® components, ST2-Series Dual Smart Tuners are the perfect high-quality radio sources to complement Russound's RNET multi-room systems. All three models display channel or station information on the system's UNO Smart Keypads, and the XM versions display artist names and song titles on the keypads as well.

The ST2-Series tuners also have RS-232 serial interfaces and IR ports for easy integration with other multiroom systems. Each model has two additional ports to provide direct control of the unit with optional ST2-KP keypads. Also included are a dedicated IR remote control and rack ears for 1U rack mounting.



UNO-S2 Smart Keypad

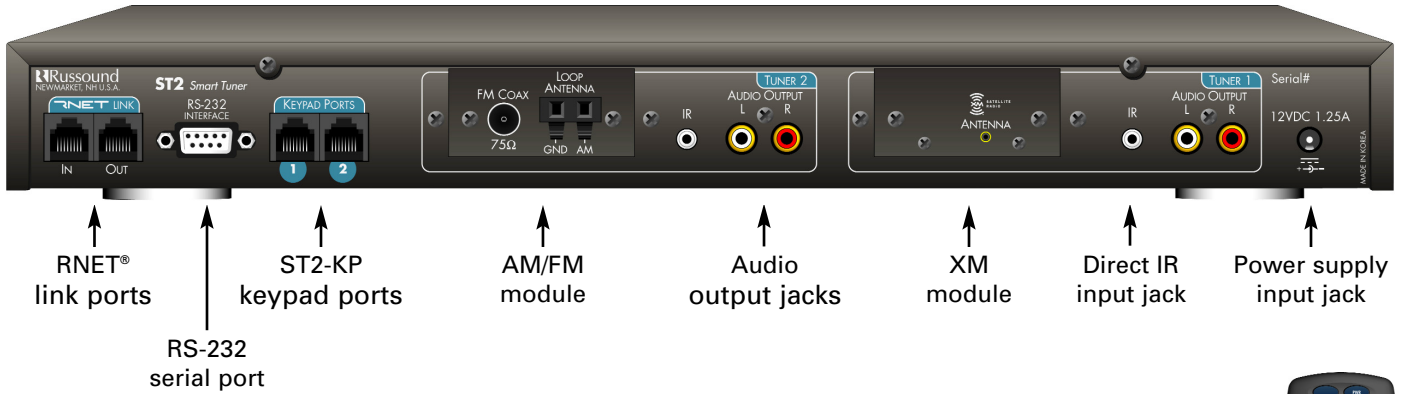
Features	ST-2	ST2-XM*	ST2-XM2*
AM/FM module	2	1	—
AM antenna	2	1	—
FM antenna	2	1	—
XM module	—	1	2
XM antenna with 20' cable	—	1	2
ST2-KP keypad ports	2	2	2
Custom bank & preset names	✓	✓	✓
IR remote control	✓	✓	✓
RS-232 port	✓	✓	✓
Rack ears included	✓	✓	✓
RCA audio cables included	✓	✓	✓
Power supply included	✓	✓	✓

Each individual tuner module offers six banks of six presets, for a total of 72 presets per unit. Both the bank names and the preset names are customizable and will display on the UNO Smart Keypads in any Russound RNET system.

XM Satellite Radio service requires a monthly subscriber fee for each XM tuner.*

*XM Satellite Radio service and the XM versions of the ST2 Smart Tuners are currently available only in the continental United States.

ST2-XM rear panel



Specifications

AM/FM modules (ST2 and ST2-XM only)

AM section

Tuning range:

North America: 530 – 1710 kHz; Europe: 531 – 1602 kHz

Sensitivity @ 20 dB S/N ratio: 55 dBu

Image rejection: 33 dB

Frequency response: 40 Hz – 3 kHz ± 3 dB

Signal-to-noise ratio: 45 dB

AM antenna impedance: 300 ohms unbalanced

FM section

Tuning range:

North America: 87.7 – 107.9 MHz; Europe: 87.5 – 108 MHz

Sensitivity @ 30 dB S/N ratio: 6 dB max 12 dBu

Image rejection: 80 dB

Frequency response: 30 Hz – 15 kHz ± 1.5 dB

Signal-to-noise ratio: 60 dB

Stereo separation: 40 dB

FM antenna impedance: 75 ohms unbalanced

XM modules (ST2-XM and ST2-XM2 only)*

XM tuning range: 2332.5 – 2345 MHz

Channels: 150 commercial-free per tuner

XM antenna connection: 50-ohm SMB

All models

Presets

6 banks of 6 per tuner, 72 total, customizable

Interface ports

RNET link ports: 2 RJ45, T568A standard

RS-232 interface port: 1 DB9

Keypad ports: 2 RJ45, T568A standard

IR inputs: 2 1/8-inch TS, tip signal

Physical

Dimensions: 17" W x 1.8" H x 8" D (43 x 4.4 x 20.3 cm)

Weight: 7 lbs (3.2 kg)

Power: 12VDC 1.25A separate power supply

XM Satellite Radio subscription required for each XM tuner

Included accessories

All models

1 pair of rack-mount ears

2 RCA audio cables

1 power supply

1 ST2-RC Dual Tuner IR Remote Control

ST2

2 AM antennas

2 FM antennas

ST2-XM

1 XM satellite and terrestrial antenna with 20-foot cable

1 AM antenna

1 FM antenna

ST2-XM2

2 XM satellite and terrestrial antennas with 20-foot cables



ST2-RC

Optional accessory

ST2-KP Smart Tuner Keypad



RNET® is a proprietary platform that allows Russound components to communicate with each other.



ST2-KP

*XM models currently available only in the continental United States



SATELLITE
RADIO

Hardware and required basic monthly subscription sold separately. Premium Channel available at additional monthly cost. Installation costs and other fees and taxes, including a one-time activation fee may apply. Subscription fee is consumer only. All fees and programming subject to change. Subscriptions subject to Customer Agreement available at xmradio.com. Only available in the 48 contiguous United States. ©2005 XM Satellite Radio Inc. All rights reserved. All other trademarks are the property of their respective owners.

To subscribe, contact XM on the web at www.xmradio.com or by phone at 800.XMRADIO (967.2346)

Since 1967, innovation, quality and reliability have been the core of the Russound product tradition. Today, Russound offers everything for enjoying multiroom audio-video in your home. All distributed audio-video solutions are built to high standards and designed with the unique consideration of making products that are easy to enjoy and live with.

Russound 5 Forbes Road, Newmarket, New Hampshire 03857 603-659-5170 www.russound.com

©2005 Russound. All rights reserved. All trademarks are the property of their respective owners. Specifications are subject to change without notice. Russound is not responsible for typographical errors or omissions.