

PURE
DIGITAL



Amplifier not included

www.pure-digital.com

DRX-601ESM

Compact Digital Radio Tuner

Styled and sized to complement your mini or midi hi-fi system the DRX-601ESM has all the performance and features of What Hi-Fi Sound & Vision magazine's Tuner Product of The Year, the DRX-601ES, including a stylish silver anodised aluminium fascia, silver finish casework and controls, cool blue LED indicators, an easy to read blue/white display, a discrete remote control and PAC™ technology for a more natural sound.

Attach the DRX-601ESM to quality mini and midi components, powered speakers, your hi-fi, or even put it below the TV. However you use it, the stylish modern design will look great and you'll enjoy all the benefits of DAB digital radio. DAB provides high-detail, digital-quality sound; supports over 60 national, local and digital-only channels; and enables broadcasters to provide additional text information for news headlines and programme details.

Hi-fi performance

24-bit/96 kHz delta sigma DAC for high-quality stereo digital audio. Low noise toroidal transformer power supply.

Compact size

Designed to complement today's mini and midi sized hi-fi systems the DRX-601ESM fits all the features of the multi-award-winning DRX-601ES into a package that's just 223 mm (w) x 60 mm (h) x 269 mm (d).

Unique-to-digital broadcasts

An ultra-stylish package delivering all the excitement of DAB quality plus unique-to-digital channels like Oneworld, Planet Rock, The Lounge and Ministry of Sound.

CRYSTAL-CLEAR DAB SOUND

The digital audio broadcast (DAB) transmission standard provides high-quality, interference-free digital audio without the hiss, crackle and fade that occurs with traditional analogue FM/AM broadcasts. The DRX-601ESM is easy to tune, automatically selecting the strongest regional transmitter, and is virtually immune to the multipath distortion that affects traditional FM receivers.

WIDE RANGE OF STATIONS

There are many more digital than there are FM stations. UK national radio services broadcast digitally include BBC Radios 1 to 4, BBC Radio 5 Live, BBC Radio 5 Live Sports Xtra, BBC World Service, BBC 6 Music, BBC Radio 4 Longwave Service, Classic FM, talkSPORT and Virgin Radio. Over 60 digital radio stations are available in total including local stations such as Jazz FM, Heart 106.2, Capital Radio and unique-to-digital stations such as Ministry of Sound, Oneword, Bloomberg and 3C.

UNIQUE PAC™ TECHNOLOGY

The DRX-601ESM takes DAB audio quality to even greater heights with the addition of PAC (psycho-acoustic compensation) technology. Developed by PURE Digital after in-depth analysis of the DAB transmission process, PAC provides an outstandingly natural sound.

EASY TO USE

Unique one-touch autotune facility finds all the stations available in your area. Flick through the entire list of stations seeing each by name. Store and access your favourite stations using the infrared remote control.

LATEST DAB FEATURES

LCD display shows additional data supplied by the broadcaster such as the station name and programme description, or scrolling text that provides information on the music playing, programme summaries, news headlines or sports results.

GREAT CONNECTIVITY

Connectors include coaxial and optical digital audio outputs, analogue audio output and analogue loop-through for an existing AM/FM tuner. Additional Receiver Data Interface (RDI) optical digital output supports future data reception when services are introduced.

DRX-601ESM TECHNICAL SPECIFICATIONS

Specifications: Digital radio tuner, with full Band III reception capability for reception of all UK DAB broadcasts. Fully compliant with ETS 300 401 and capable of decoding all DAB transmission modes 1 to 4.

Frequency range: Band III (174 - 240 MHz).

Tuner sensitivity: -98 dBm.

Integrated DAC: 24-bit 96 kHz stereo DAC.

Input connectors: RF F-connector 75Ω for DAB aerial connection (aerial supplied). Dual phono for external line level audio input (from FM/AM/AUX tuner unit) with auto pass-through to analogue output at power off.

Output connectors: Dual phono for stereo analogue audio output. Optical Toslink connector for digital S/PDIF output (IEC958 @ 48 kHz). Coaxial connector for digital S/PDIF output (IEC958 @ 48 kHz). Optical connector for digital RDI output.

Controls: Power on/off. Autotune button. Rotary selection switch. Brightness button selects between 4 levels of LCD display brightness. Display button selects DLS (Dynamic Label Segment) scrolling text, programme type or service information. Info button switches between signal strength indicator and mono/stereo mode plus service's data rate.

Indicators: Remote control activity indicator. Stereo service indicator. Secondary service indicator.

High visibility STN LCD display: 16 x 2 characters with 4 brightness levels.

Performance: Frequency response (limited by broadcast) of 20 Hz to 20 kHz for 48 kHz decode; 20 Hz to 12 kHz for 24 kHz low sample frequency (LSF) decode.

THD (nominal output): < 0.005% at 1 kHz.

S/N Ratio: 100 dB.

Remote control: Infrared remote control functions include: station select, preset station store/recall, DRC (dynamic range control), mute and primary or secondary information display.

Power supply: High-performance, low noise internal toroidal transformer power supply. 230V AC 50 Hz.

Approvals: CE marked. Compliant with the EMC and Low Voltage Directives (89/336/EEC and 73/23/EEC).

Dimensions: 223 mm (w) x 60 mm (h) x 269 mm (d).

Accessories supplied: Stereo phono to phono cable, DAB 'T' indoor aerial and removable power cable.

Technical support: Telephone support hotline and Internet web site.

Warranty: Two years.

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