

PURE

digital radio™

DAB
Digital Audio Broadcasting



Available in Black or Silver

www.pure.com

DRX-702ES

Complete DAB Digital and AM/FM Tuner

From PURE Digital, the world's leading manufacturer of DAB digital radios and tuners comes DRX-702ES, a ground breaking combination of DAB digital and analogue tuner technologies. PURE Digital's third consecutive winner, in 2003, of the What Hi-Fi Sound & Vision's 'Tuner Product of the Year Award', the DRX-702ES uses the same advanced third-generation DAB technology as its stablemate the DAB-only multi-award-winning DRX-701ES.

Beautifully styled with a machined aluminium front panel, cool blue LED indicators and backlit LCD, PURE DRX-702ES delivers stunning audio performance and improved usability. Seamlessly integrating the latest DAB technology with hi-fi specification AM and FM radio, the DRX-702ES is perfect for radio enthusiasts who want to enjoy DAB digital radio and AM/FM without the clutter of separate DAB and analogue tuners.

DRX-702ES – no other tuner comes close.

Award-winning Pedigree

From PURE Digital, the company that brought you the winner of What Hi-Fi's Tuner Product of the Year award in 2001 and again in 2002. PURE Digital also make EVOKE-1, the best-selling DAB product of all time.

Advanced FM Features

Fast autotune, using RDS to filter out weak duplicate stations, and then select stations by name – just like DAB. You can even assign names to non-RDS stations.

Latest DAB Technology

Selectable station ordering, 99 presets, fast autotune, scrolling LCD text and date and time display.

ACCLAIM FOR THE DRX-702ES

"The DRX-702ES is the most versatile performer in the field."

Hi-Fi News Gold Award

"...the DRX-702ES sounds excellent; providing the richness of tone and crisp, detailed delivery of a pricier, more specialist design."

Stuff

"...sufficient to impress the socks off any self respecting audiophile... stands proud against its rivals."

Digital Home Editor's Choice Award

"The overall balance is powerful, clean, crisp, making this a fine tuner by any standards, and a superb buy given it's excellent flexibility."

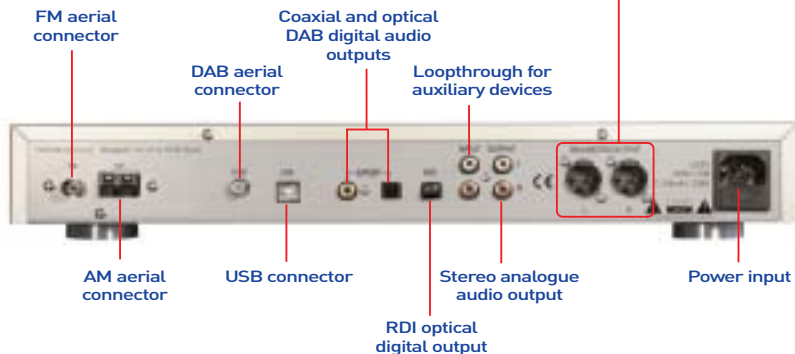
What Hi-Fi?

"Probably the only tuner you'll ever need. At its best, the DAB sounds great, but crucially, the FM section isn't included just to fill up the box - it competes with many standalone rivals."

T3

"Mellow-sounding music is great, as always on DAB, and one can also easily appreciate the strong and clear bass of the system through this tuner."

Hi-Fi Choice



LATEST THIRD-GENERATION DAB TECHNOLOGY

Third-generation DAB technology from Imagination Technologies provides features and functions not seen in previous generations of DAB products.

EASE OF USE

Perfectly integrated DAB and analogue radio, with station selection by name on FM as well as DAB. DAB and FM fast autotuning and manual tuning. Alphabetical DAB and FM station ordering, as well as ordering by multiplex or favourite on DAB. 99 presets per band make it even easier to select your favourite station.

HIGH-PERFORMANCE DAB DESIGN

The PURE DRX-702ES has a high-sensitivity RF tuner module, ultra high performance 24-bit/192 kHz delta sigma digital to analogue converters and built-in 4X up-sampling with data interpolation which provides a smoother, more natural sound. The three levels of Dynamic Range Control (DRC) enable you to fine-tune dynamic range, making broadcasts more audible in a noisy environment.

USB CONNECTOR

Now your tuner is future-proofed with USB connectivity, making the DRX-702ES capable of flash upgrades via your PC's USB port, giving you access to future product enhancements to expand your user interface or receive additional DAB data services when they become available.

UNIQUE OPTIMISED PAC-II™ TECHNOLOGY

Analogue DAB output boasts optimised PAC-II technology (Psycho-Acoustic Compensation-II). Developed by PURE Digital, PAC-II produces a significantly more natural sound than other digital radio tuners.

BALANCED OUTPUTS

Optional balanced outputs using Neutrik metal-bodied XLR connectors with hard gold-plated pins provide transmission of audio signals with exceptionally low noise. Contact PURE Digital for details of how to purchase pre-fitted or as a return-to-base upgrade.



Optional balanced outputs

TECHNICAL SPECIFICATIONS

General: DAB/FM/AM radio tuner with full Band III and L-Band DAB reception capability, for reception of all DAB broadcasts. Fully compliant with ETS 300 401. Features PAC II™ technology, FM and DAB autotune, analogue stereo output, optical and coaxial 48 kHz S/PDIF digital output and RDI digital output. USB port for software upgrades.

Frequency range: DAB Band III (174 - 240 MHz) and L-Band (1452 - 1490 MHz), FM 87.5 - 108 MHz, AM 531 - 1602 kHz.

Integrated DAC: 24-bit 192 kHz stereo DAC (DAB only).

Input connectors: RF F-connector 75 Ohm for DAB aerial, FM aerial, spring clips for AM loop (aerials supplied). Dual phono for auxiliary line level audio input (from CD player or similar) with auto pass-through to output at standby or power off.

Output connectors: Dual phono for stereo analogue audio output. Optical Toslink connector for DAB digital S/PDIF output (IEC958 @ 48 kHz). Coaxial connector for DAB digital S/PDIF output (IEC958 @ 48 kHz). Optical connector for DAB digital RDI output. USB connector for future software upgrades. 1/4" headphone socket on front panel.

Controls: Power on/off, autotune, brightness, display, setup and band buttons. Rotary selection switch.

LED indicators: Front panel indicators for power-on, DAB/FM/AM mode, standby mode, remote control, stereo service and secondary service.

DAB performance: Frequency response (limited by broadcast - DAC capable of higher responses) of 20 Hz to 20 kHz for 48 kHz decode; 20 Hz to 12 kHz for 24 kHz low sample frequency (LSF) decode. Less than 0.002% THD at 1 kHz. S/N ratio of 103 dB.

FM performance: Sensitivity @ 30 dB SNR: mono 2.5 µV, stereo 13 µV. THD+N: mono 0.2%, stereo 0.3%. SNR: mono 74 dB, stereo 68 dB (all measured at 1 kHz).

Remote control: Infrared remote control functions include: power on/standby, station select, volume (analogue output only), mute, store and recall of 99 presets, autotune, LCD display mode, setup, band selection and 8 levels of LCD display brightness (including off).

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

Optional balanced outputs: Neutrik metal-bodied XLR connectors with hard gold-plated pins. Burr-Brown balanced output devices. Available pre-fitted or as a return-to-base upgrade.

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

Dimensions (mm): 430 (w) x 65 (h) x 270 (d).

Cables supplied: Stereo phono to stereo phono cable.

Aerials supplied: DAB 'T' indoor aerial; FM wire aerial; AM loop aerial.

Technical support: Telephone support hotline, e-mail and Internet website.

Warranty: Two years.

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Powered by
GE
Imagination
TECHNOLOGIES

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