

DTR-7.6

THE DIGITAL LEADER. WITH HDMI SWITCHING, AN XM READY® TUNER, AND THX™ SELECT2 CERTIFICATION, THE DTR-7.6 IS THE PERFECT CENTERPIECE FOR THE HOME THEATER ENTHUSIAST WHO DEMANDS THE BEST.



XM READY®, THX™ SELECT2 7.1 RECEIVER W/ HDMI

THX™ Select2

This latest certification from THX is your guarantee that the DTR-7.6 will perform in even the most demanding home theaters. And with its 7.1 channels of processing and amplification, the DTR-7.6 transforms an ordinary room into your own private screening room and concert hall.

XM® Satellite Radio

*It's time to rediscover radio! XM features over 150 digital, CD-quality channels – over 30 channels of news, sports, talk, and entertainment; over 20 dedicated channels of XM Instant Traffic & Weather; and over 60 channels of commercial-free music from the deepest playlist in the industry.**

* Required Connect-and-Play™ antenna and XM subscription sold separately.

Audio/Video Performance

The DTR-7.6 features the latest in digital transmission technology, high definition multimedia interface (HDMI). HDMI carries both HD video and multi-channel digital audio for improved performance with fewer connections. High-quality digital-to-analog converters, a high current power supply, and wide-range amplifier technology combine to deliver an unparalleled music and movie experience.

IntelliZone™ Multi-Room

At Integra, we understand that you don't live in one room of your home. That's why the DTR-7.6 includes our IntelliZone family of second room features such as independent source selection, Powered Zone 2 capability, automatic turn-on volume level, maximum volume level, and even bass/treble/balance controls!

Integra®

DESIGNED TO INTEGRATE. BUILT TO STIMULATE.



FEATURES

AMPLIFICATION:

- 7 x 135 Watts/Channel at 6Ω, 105 Watts/Channel at 8Ω
- Discrete output stages for all channels
- Stable into 4Ω loads
- Wide Range Amplifier Technology — WRAT (5 Hz - 100 kHz)
- Optimum Gain Volume Circuitry
- High current power supply

PROCESSING:

- Automatic room calibration w/ included microphone
- Dolby Digital EX and Pro-Logic IIx; DTS-ES, Neo:6, and 96/24 decoding
- THX Select2 certification with Surround EX processing
- A-Form listening mode memory and IntelliVolume input level calibration system
- Linear PCM 192 kHz/24-bit DACs for all channels
- Linear PCM 192 kHz/24-bit ADCs for bass management on multi-channel input
- VLSC — Vector Linear Shaping Circuitry for all channels
- Variable subwoofer crossover with individual adjustment by speaker pair
- 5-band graphic equalizer
- A/V sync delay assignable by input
- 7.1 multi-channel input and pre-outputs
- 6 Assignable digital inputs (4 optical, 2 coaxial), 1 optical output

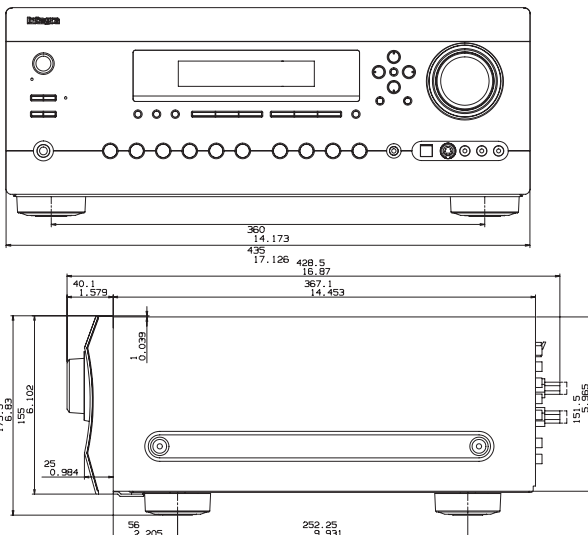
VIDEO:

- HDMI switching with audio (v1.1) — 2 inputs, 1 output
- HD-ready 100 MHz bandwidth component video switching (3 in, 1 out)
- Upconversion of composite and S-video to component with time-base correction
- 5-line digital comb filter for composite to S-video conversion
- 4 Composite / S-Video inputs and 2 outputs

CONNECTIONS:

- XM Ready for digital satellite radio (optional antenna required)
- Exclusive IntelliZone for advanced second room playback and control
- Unique dealer setting reset for easy system restore
- Bi-directional RS-232 port and rear IR inputs/output
- 3 Programmable 12V triggers

ARCHITECTURAL DRAWINGS



SPECIFICATIONS

AMPLIFIER

Continuous average power output (FTC)
All channels:

105 W per channel min. RMS at 8Ω,
2 channels driven from 20 Hz to 20
kHz with no more than 0.08% total
harmonic distortion.
135 W min. RMS at 6Ω, 2 channels
driven from 1 kHz with no more
than 0.1% total harmonic distortion.

Dynamic power output (stereo):

2 x 240 W at 3Ω
2 x 180 W at 4Ω
2 x 125 W at 8Ω

Frequency response:

5 Hz to 100 kHz: +1/-3 dB

Signal-to-noise ratio:

106 dB (IHF A, 0.5 V input)

Total harmonic distortion:

0.08% at rated power

IM distortion:

0.08% at rated power

Damping factor:

60 at 8Ω

Muting:

Set by user

INPUT SENSITIVITY AND IMPEDANCE

Line (CD, Tape, DVD, Video 1-3): 200 mV, 47 kΩ
Multi-Channel input (Front L/C/R, Surround L/R,
Surround Back L/R): 200 mV, 47 kΩ
(Subwoofer): 36 mV, 47 kΩ

OUTPUT LEVEL AND IMPEDANCE

Rec out (Tape, Video 1, 2): 200 mV, 470Ω
Pre out: 1 V, 470Ω
Zone 2 line output: 100 mV, 470Ω

TONE CONTROL

Bass: ±10 dB at 50 Hz
Treble: ±10 dB at 20 kHz

FM

Tuning range: 87.5–107.9 MHz (100-kHz steps)
Usable sensitivity, stereo: 22.2 dBf, 2.0 μV (75Ω IHF)

AM

Tuning range: 530–1,700 kHz (10-kHz steps)
Usable sensitivity: 300 μV/m

GENERAL

Power supply: AC 120 V, 60 Hz
Power consumption: 7.5 A
Dimensions (W x H x D): 17-1/8" x 6-13/16" x 16-7/8"
435 x 173.5 x 428.5 mm
Weight: 29.3 lbs. (13.1 kg)

"XM" is a registered trademark of XM Satellite Radio Holdings, Inc.
"THX" is a trademark of THX Ltd.
All others are trademarks or registered trademarks of their respective holders.
Product features and specifications subject to change without notice.