

DTR-5.8

AFFORDABLE EXCELLENCE. PACKED WITH FEATURES SUCH AS HDMI v1.3a- WHICH PROVIDES A SINGLE CABLE SOLUTION TO CARRY HIGH-DEFINITION AUDIO AND VIDEO SIGNALS IN THEIR FULLY DIGITAL LOSSLESS GLORY- THE DTR-5.8 REPRESENTS AN OUTSTANDING VALUE FOR EVEN THE MOST DISCERNING HOME THEATER ENTHUSIAST.



XM & SIRIUS READY, 2-ZONE 7.1 CHANNEL SURROUND RECEIVER

AMPLIFICATION:

- 7 x 110 Watts/Channel at 6Ω
- 7 x 90 Watts/Channel at 8Ω
- High Current Power Supply/High Power Transformer
- Discrete Output Stages for All Channels
- Wide Range Amplifier Technology, 5Hz - 100kHz
- Optimum Gain Volume Circuitry
- Bi-amp Capability for Front L/R Channels

PROCESSING:

- HDMI (v.1.3a) Audio & Video Processing
- DTS-HD Master Audio, DTS-HD High-Resolution Audio, Dolby TrueHD, Dolby Digital Plus Decoding
- Audyssey 2EQ Room Correction & Calibration
- Linear PCM 192 kHz/24-bit DACs for All Channels
- De-interlacer w/Faroudja DCDi Edge Technology
- Neural Surround Processing
- Advanced 32-Bit Processing DSP Chip
- CinemaFILTER™ -Tonal Balance Correction
- IntelliVolume Input Level Calibration System
- 5-band Graphic Equalizer
- Variable Crossover Settings by Channel Pair
- A/V Sync Delay Adjustment by Input (up to 100ms)

CONNECTIONS:

- 1080p Deep Color™ (36 bit) Capable HDMI (2in/1out) w/upconversion/transcoding from analog sources
- HD Component Video (50 MHz) w/upconversion
- XM® & SIRIUS Satellite Radio Ready*
- 7.1 Multichannel Input & Pre-output
- Assignable Digital Inputs (2 HDMI/3 optical/2 coaxial)
- HDMI/Component Video Assignable to Tape/CD
- 1 Optical Digital Output
- Front Panel A/V Inputs (including optical)

*Required XM or SIRIUS tuner, antenna, and subscription sold separately.

CUSTOM INTEGRATION FEATURES:

- Bi-directional RS-232 Port
- Fixed/Variable/Powered Zone 2
- Zone 2 Bass/Treble/Balance Controls
- Main Zone & Zone 2 Max & Power On Volume Settings
- Dealer Settings Memory Store & Recall w/Lock/Unlock
- Permanently Stored Memory Settings
- Dual IR Inputs w/Common Output
- 3 Unique Assignable IR Code Sets
- 3 Programmable 12V triggers (w/adj. delay)
- RIHD for System Control via HDMI
- Optional Rack Mount Kit Available (IRK-155-3A)

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Integra®

DESIGNED TO INTEGRATE. BUILT TO STIMULATE.



FEATURES

AMPLIFICATION:

- 7 x 110 Watts/Channel at 6 ohm, 90 Watts/Channel at 8 ohm
- Discrete output stages for all channels
- Wide Range Amplifier Technology — WRAT (5 Hz - 100 kHz)
- Optimum Gain Volume Circuitry
- High current power supply
- Bi-amp capability for front L/R speakers

PROCESSING:

- DTS-HD Master Audio, DTS-HD High Resolution Audio, Dolby TrueHD, Dolby Digital Plus decoding
- Audyssey 2EQ automatic room calibration and correction
- 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
- Advanced 32-Bit processing DSP Chip
- Variable subwoofer crossover with individual adjustment by speaker pair
- 5-band graphic equalizer
- A/V sync delay assignable by input (up to 100ms)
- 7.1 multi-channel input and pre-outs
- 7 Assignable digital inputs (2 HDMI, 3 optical, 2 coaxial), 1 optical output

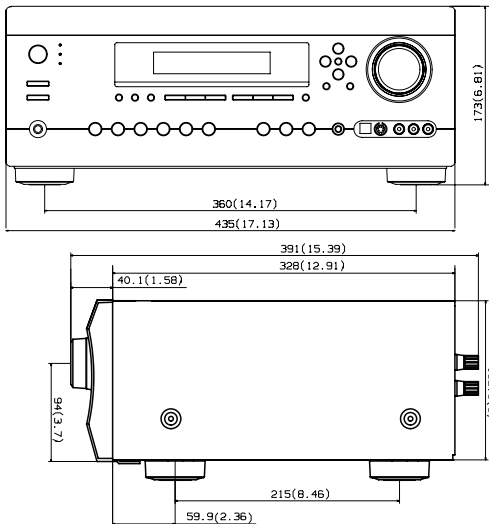
VIDEO:

- HDMI (v.1.3a) Audio and Video processing w/upconversion (2 in, 1 out)
- HD capable 50 MHz bandwidth component video w/upconversion (3 in, 1 out)
- Deinterlacer w/Faroudja DCDi Edge Technology

CONNECTIONS:

- XM Ready through XM Mini Tuner and Home Dock
- Sirius Ready through SiriusConnect Home Tuner Kit
- Powered Zone 2 and fixed/variable Zone 2
- Unique dealer setting reset for easy system restore
- Bi-directional RS-232 port and rear IR inputs/output
- 3 Programmable 12V triggers w/ adjustable delay
- Optional rack mount kit available- IRK-155-3A

ARCHITECTURAL DRAWINGS



SPECIFICATIONS

AMPLIFIER

Continuous average power output (FTC)
All channels:

90 W per channel min. RMS at 8 ohm, 2 channels driven from 20 Hz to 20 kHz with no more than 0.08% total harmonic distortion.

110 W min. RMS at 6 ohm, 2 channels driven from 1 kHz with no more than 0.1% total harmonic distortion.

Dynamic power output (stereo):

2 x 210 W at 3 ohm
2 x 180 W at 4 ohm
2 x 110 W at 8 ohm

Frequency response:

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

Signal-to-noise ratio:

106 dB (LINE, IHF-A)

Total harmonic distortion:

0.08% at rated power

IM distortion:

0.08% at rated power

Damping factor:

60 at 8 ohm

Speaker impedance:

6 ohm to 16 ohm

INPUT SENSITIVITY AND IMPEDANCE

Line:

200 mV, 47 kohm

Phono:

2.5 mV/47 kohm

OUTPUT LEVEL AND IMPEDANCE

Rec out:

200 mV, 470 ohm

Pre out:

1 V, 470 ohm

Zone 2 line output:

100 mV, 470 ohm

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 (75 ohm IHF)

AM

Tuning range:

530–1,710 kHz (10-kHz steps)

Usable sensitivity:

300 µV/m

GENERAL

Power supply:

AC 120 V, 60 Hz

Power consumption:

6.5 A

Dimensions (W x H x D):

17-1/8" x 6-3/4" x 15-3/8"

435 x 172 x 391 mm

Weight:

25.6 lbs. (11.6 kg)

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"SIRIUS" is a registered trademark of SIRIUS Satellite Radio Inc.

"THX" is a trademark of THX Ltd.

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