



# T 758 AV Surround Sound Receiver



Our T 758 is a performance update to our award-winning T 757 and continues our 'simple is better' design philosophy. Our insistence on creating products with remarkable sound quality at sensible prices stands in stark contrast to our competitors who view AV components primarily from a "feature content" point-of-view, with sound quality far down the list of priorities. From lifelike surround sound performance to heart thumping power to reach-out-and-touch-it 3D video, the T 758 is a treat for your senses!



## > MDC—The MOST DISTINCTIVE Feature

Like you, we want to embrace the ever-changing world of AV technology without destroying our original investment. So we devised the most important innovation in a decade: Modular Design Construction, our uncommon answer to technology obsolescence. Digital audio and video circuits are on replaceable modules. With MDC, the ability to easily upgrade the T 758 to include future digital formats is totally unique and unprecedented. Winner of the prestigious reddot Design Award, MDC should be at the top of your checklist.

## > 'Music First' Audio

Popular surround sound formats, including HD formats Dolby TrueHD and DTS Master Audio, are decoded using the latest generation of high-speed DSP. Stereo source material can be converted to surround sound using our exclusive EARS surround mode, praised by reviewers for its natural sound quality. With both music and movies, the T 758's award-winning heritage reveals its power with immense depth, clarity, and incredible detail. Ordinary AV receivers simply sound flat in comparison.

## > Pure and Simple Video

The T 758 offers killer performance with the latest digital video technology, including 3D video at resolutions up to 1080p. Analogue video sources are also supported on HDMI for simple 'one wire' connection to your flat screen or projector. We leave the video processing where it belongs, in your display, avoiding multiple format conversions that plague lesser AVRs. It also includes popular HDMI features, Audio Return Channel (ARC) and Consumer Electronic Control (CEC).

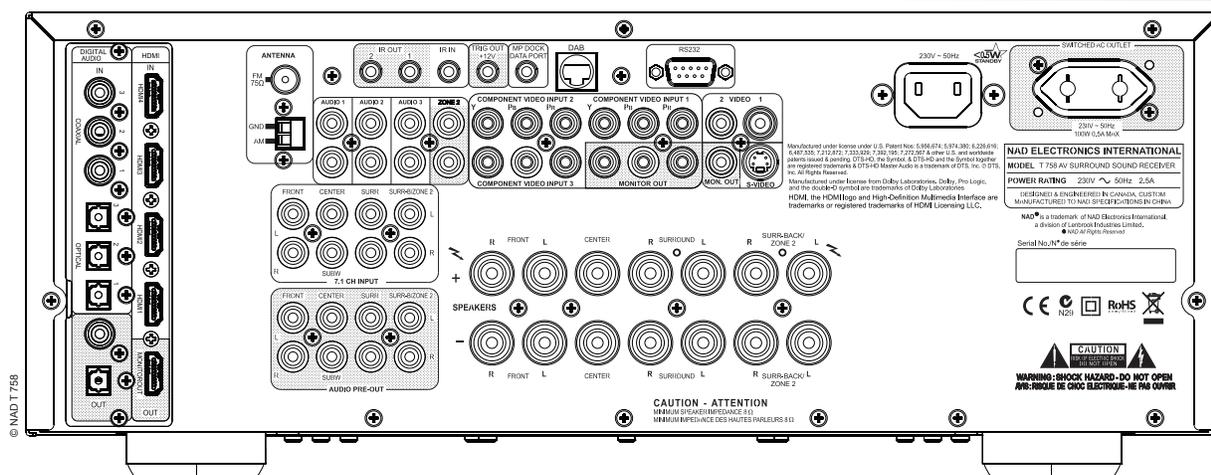
## > Easy Flexibility

We have created a very simple user interface that is incredibly flexible but very easy to use. Each source component retains the same custom settings every time it is selected for viewing, and there are no 'empty inputs' to clutter or confuse. In addition, powerful AV Presets allow custom setups for different types of program material (drama, action, musical, etc.) tailoring the performance to your taste. Inputs can even be renamed to match your particular components. Automated setup of your surround speakers is accurate and easy with the supplied microphone and Audyssey Setup. A second independent zone is included, and can be powered by the internal back channel amplifier. Advanced multi-room systems are easily accommodated thanks to its full suite of connections for home automation systems.

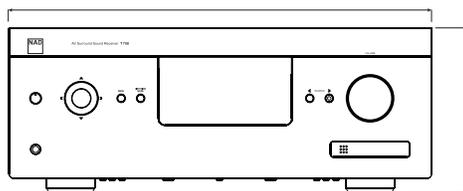
## > Get More Music

Unlike ordinary AVRs, the T 758 benefits from our 40-year legacy of producing some of the most musical components on the market. This sophistication is obvious every time you listen to music or watch your favourite video programs. Radio lovers will appreciate the T 758's highly sensitive FM/AM tuner, 30 station presets, and RDS support. Or add our DB 2 digital DAB+ module (230V only) for high quality digital radio. The T 758 is also XM Ready (120V only).

The T 758 offers remarkable performance and flexibility in a compact and simple to operate package. This multi-channel powerhouse will bring your favourite music and movies to life with a minimum of fuss and a maximum of pure enjoyment.

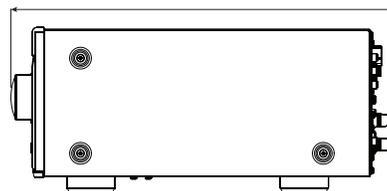


Total Width 435mm



Total Height 172mm

Total Depth 397mm



## Specifications

AMPLIFIER SECTION		T 758
FTC		7 x 110W
Full Disclosure Power (all channels driven simultaneously)		7 x 60W (0.05% THD, 20-20kHz)
IHF Dynamic Power	8 ohms	137W
	4 ohms	243W
Total Harmonic Distortion at rated power		<0.08%
IM distortion at rated power		<0.08%
Damping Factor, 8 ohms		>60
Input Sensitivity and Impedance		750mV/50kohms
Frequency Response		±0.8dB (ref. 1kHz, 20Hz-20kHz)
Signal/Noise Ratio		>100dB (ref. rated power at 8 ohms, A-WTD) >90dB (ref. 1W at 8ohms, A-WTD)
TUNER SECTION		
AM SECTION		
Tuning Range		530kHz - 1710kHz (120V version, 10kHz steps) 531kHz - 1620kHz (230V version, 9kHz steps)
Usable Sensitivity		30dBµV
Signal/Noise Ratio		38dB
Total Harmonic Distortion		<3%
Loop Sensitivity 20dB S/N		66dBµV
FM SECTION		
Tuning range		87.50MHz - 108.50MHz
Usable Sensitivity		Mono <15dBµV
Signal/Noise Ratio		Mono 60dB Stereo 55dB
Total Harmonic Distortion		Mono 0.25% Stereo 0.5%
Channel Separation		40dB
RDS Decode Sensitivity		28dBµV
GENERAL		
Idle Power		53W
Standby power		<0.5W
Unit Dimension (WxHxD) - Gross ** (includes feet, knobs and terminals)		435 x 172 x 397mm 17 1/8 x 6 13/16 x 15 11/16"
Net weight		15.4kg (33.9lb)
Shipping weight		18.0kg (39.6lb)

\*\* Non-metric measurements are approximate.

Note: Installers should allow a minimum clearance of 55mm for wire/cable management.

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