

Specifications T 778

AMPLIFIER SECTION

FTC		140W (21.5 dBW) (1% THD, two channels driven, 8 ohms) 170W (22.3 dBW) (1% THD, two channels driven, 4 ohms) 9x85W (19.3dBW) (20Hz-20kHz, all channels driven, 4 ohms and 8 ohms)
Full Disclosure Power (all channels driven simultaneously at full bandwidth at rated distortion)		
IHF dynamic power;		
	8 Ohms	165W (22.2 dBW)
	4 Ohms	280W (24.5 dBW)
Total harmonic distortion at rated power		<0.08% (20Hz-20kHz)
IM distortion at 1/3 rated power		<0.03% (20Hz-20kHz)
Damping factor		>300 (20Hz-1kHz, 8 ohms)
Input sensitivity and impedance		1.12V (ref. 8 Ohms, VOL at 0dB for 85W)
Frequency response		±0.3 dB/-0.8 dB (ref. 1kHz, 20Hz-20kHz)
Signal/noise ratio		>100 dB (ref. rated power at 8 Ohms, A-WTD) >85 dB (ref. 1W at 8 Ohms, A-WTD)

PREAMPLIFIER SECTION

Frequency response	±0.5dB (ref. 20Hz – 20kHz)
Signal-to-noise ratio	>100dB (ref. 2V, A-WTD)
Total harmonic distortion	<0.01%
Input sensitivity	245 mVrms (ref. 2V)
Maximum output level	>4.5Vrms

PHONO INPUT

Input Sensitivity	6.2 mVrms (2V output)
Signal/noise ratio	>80 dB (2Vrms, A-WTD)
Maximum input level	>90 mVrms (1 kHz)

BLUOS SECTION

Supported audio file format*	MP3, AAC, WMA, OGG, FLAC, ALAC, WMA-L, MQA, WAV, AIFF
Supported cloud services*	Spotify, Amazon Music, WiMP, Qobuz, IDAGIO, Deezer, Murfie, nugs.net, TIDAL, Napster, Bugs, KKBOX, Taihe Music ZONE, SOUNDMACHINE
Supported Operating Systems**	Music playback from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista, 7, 8 to current Windows Operating Systems and macOS
versions	
Free internet radio*	TuneIn, iHeartRadio, Calm Radio, Radio Paradise, Slacker Radio
User interface	Free BluOS Controller App available for download from the respective App stores of Apple iOS devices (iPad, iPhone and iPod), Android devices, Kindle Fire and Windows or macOS desktops
Integration partners	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, Roon, AirPlay2
Voice control integrations	Amazon Alexa and Google Assistant Skills

POWER CONSUMPTION

Standby power	<0.5W (full standby) <8W (network standby)
Idle Power	>70W (120V version only) >63W (230V version only)

DIMENSION AND WEIGHT

Unit Dimensions (W x H x D)	435 x 140 x 430 mm (Gross)* 17 ³ / ₁₆ x 5 ⁹ / ₁₆ x 16 ¹⁵ / ₁₆ inches**
Net Weight	12.1 kg (26.7 lbs)
Shipping Weight	15.5 kg (34.2 lbs)

* Gross dimensions include feet, extended buttons and rear panel terminals. ** Non-metric measurements are approximate. NAD Electronics will not assume any liability for errors being made by retailers, custom installers, cabinet makers, or other end users based on information contained in this document. Note: Installers should allow a minimum clearance of 55mm for wire/cable management.

