



Marantz Tuner-Amplifiers

TA150

- 150 watts* per channel
- Wireless infrared remote control
- Digital synthesis tuning
- Scan tuning
- 16-station memory
- LED power meters
- Electronic memory volume control
- 2 × 5 band equalizer



Henry Jordan

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YALE ST.

Equipment Co.

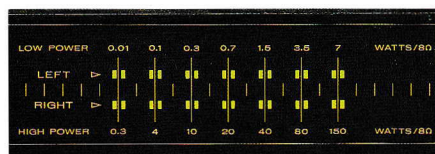
FORT WORTH, TEXAS

The look, the feel, and the high-powered performance of separate components. Marantz put these desirable features and much more into the new generation of Marantz Tuner-Amplifiers, the TA150, TA110 and TA70.

High power equals high performance

When you hear a trumpet playing live, there's no mistaking that "bite" to the sound. When a tympani player rolls into a crescendo, the solid low bass delivers exhilarating impact.

To get that level of realism from a stereo system requires more power than you might think. That trumpet "bite" is actually a transient burst of energy that may be as much as twenty times louder than the actual note the instrument plays. And the tympani roll generates bass frequencies that inherently use up power very quickly. A low-powered amp simply cannot reproduce these sounds. It can only distort them.



With a powerful 150 watts* per channel from the TA150, 110 watts* per channel from the TA110 and 70 watts* per channel from the TA70, the Marantz TAs deliver their full power across the entire audio bandwidth, to capture and reproduce the sound of live music. Low bass as well as high transients retain their full dynamic spirit, delivering the breath-taking realism of today's compact digital discs and fine LP recordings.

The Marantz TA150 produces its full power output while keeping distortion well below human audibility, for clarity and definition that defies description. If ever an amplifier deserved the designation "digital ready," the Marantz TA150 is it.

TA110

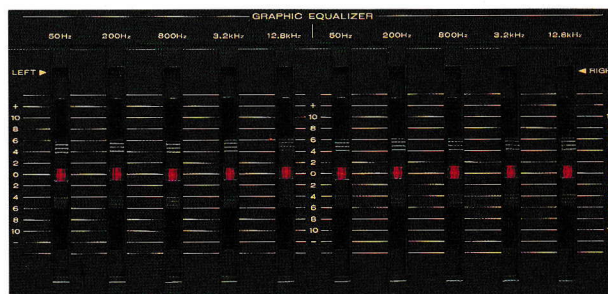
- 110 watts* per channel
- Wireless infrared remote control
- Digital synthesis tuning
- Scan tuning
- 16-station memory
- LED power meters
- Electronic volume control
- 2 × 5 band equalizer

TA70

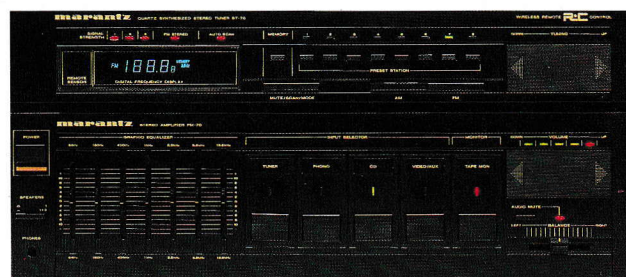
- 70 watts* per channel
- Wireless infrared remote control
- Digital synthesis tuning
- Scan tuning
- 16-station memory
- Electronic volume control
- 7-band equalizer

Built-in equalizers

The high power output of the Marantz TA series invites the use of equalizers to tailor the system sound to suit any room acoustics. The TA150 and TA110 feature a discrete-channel 2 × 5 band equalizer, permitting fine equalization of both left and right channels independently. The TA70 offers a 7-band equalizer, which controls both channels simultaneously.



In addition, the Marantz TA series provide purely electronic volume controls, for reliability and precise channel balance. The TA150 and TA110 volume controls allow you to store 3 volume settings in memory, to recall the exact volume level you prefer for any listening situation.



Video/aux input lets you hear the sound of your video recorder through the system.



Digital tuning accuracy

Each Marantz Tuner-Amplifier features digital synthesized tuning. Marantz engineers designed a sophisticated digital synthesis which achieves tuning accuracy to within 40 cycles per million. Such a phenomenal degree of accuracy produces critically precise FM stereo reception and total freedom from station drift. All Marantz TAs include 16 station memory (8 AM/8 FM), so you can

hear all your favorite stations at the touch of a button.

If you can't decide which station you wish to hear, the Marantz TA series provides scan tuning. Simply touch the scan button to hear music from each receivable station in your area.

Wireless remote control

The Marantz TA series offers the convenience of wireless infrared remote control. While sitting in your easy chair, you can control volume, audio muting, choose AM or FM, scan, recall any of 16 stored stations, even put a Marantz cassette deck in or out of pause mode.

Marantz products are built to provide years of musical enjoyment. Ask your dealer about our limited warranty.

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*Minimum watts RMS per channel, both channels driven into 8 ohms from 20 Hz to 20 kHz, with total harmonic distortion (THD) of no more than 0.09% (TA70) and 0.05% (TA110 and TA150).



Specifications

MODEL	TA70	TA110	TA150
Amplifier Section			
Rated Power Output, minimum continuous watts per channel, both channels driven into 8 ohms	per channel: 70W	110W	150W
Dynamic Power (8 ohms/4 ohms)	95W/136W	156W/220W	210W/312W
Power Bandwidth	20Hz-20kHz	20Hz-20kHz	20Hz-20kHz
Total Harmonic Distortion	0.09%	0.05%	0.05%
I.M Distortion	0.09%	0.05%	0.05%
Preamplifier Section			
Phono			
Input Overload at 1kHz	100mV	120mV	120mV
Input Sensitivity, 47k ohms	2.5mV	2.5mV	2.5mV
Phono RIAA Response 20Hz-20kHz	± 1.5dB	± 1dB	± 1dB
Signal to Noise Ratio (rated output, 10mV input)	75dB	80dB	80dB
High Level Inputs, (tuner, tape, CD)			
Input Sensitivity/Impedance	150mV/25kΩ	150mV/25kΩ	150mV/25kΩ
Frequency Response ± 1dB	15Hz-30kHz	10Hz-35kHz	10Hz-35kHz
Signal to Noise Ratio (rated output, 775 mV input)	92dB	95dB	95dB
Tuner Section			
FM			
IHF Usable Sensitivity	11.8 dBf	11.3 dBf	10.8 dBf
IHF 50dB Quieting Sensitivity (mono/stereo)	16.8/39.2 dBf	16/38 dBf	15/37 dBf
Signal to Noise Ratio at 65 dBf (mono/stereo, 98MHz)	75/68dB	76/68dB	76/68dB
Distortion at 65 dBf, 1kHz (mono/stereo)	0.2%/0.3%	0.15%/0.3%	0.15%/0.3%
Stereo Separation at 1kHz	40dB	42dB	42dB
Capture Ratio at 98MHz	1.2dB	1dB	1dB
Frequency Response, 30Hz-15kHz (mono/stereo)	± 1.5dB	± 1dB	± 1dB
Alternate Channel Selectivity	50dB	50dB	50dB
AM			
IHF Usable Sensitivity	25μV	20μV	20μV
Alternate Channel Selectivity	55dB	55dB	55dB
General			
Power Requirements	120V, 60Hz	120V, 60Hz	120V, 60Hz
Unit Dimensions H×W×D	7¼"×16½"×10¼"	7¼"×16½"×13"	7¼"×16½"×13"
Weight	20.94 lbs	29.76 lbs	34.17 lbs

Printed in U.S.A. Specifications subject to change without notice.

Making it better for you.