

**TEAC**

Reference 600

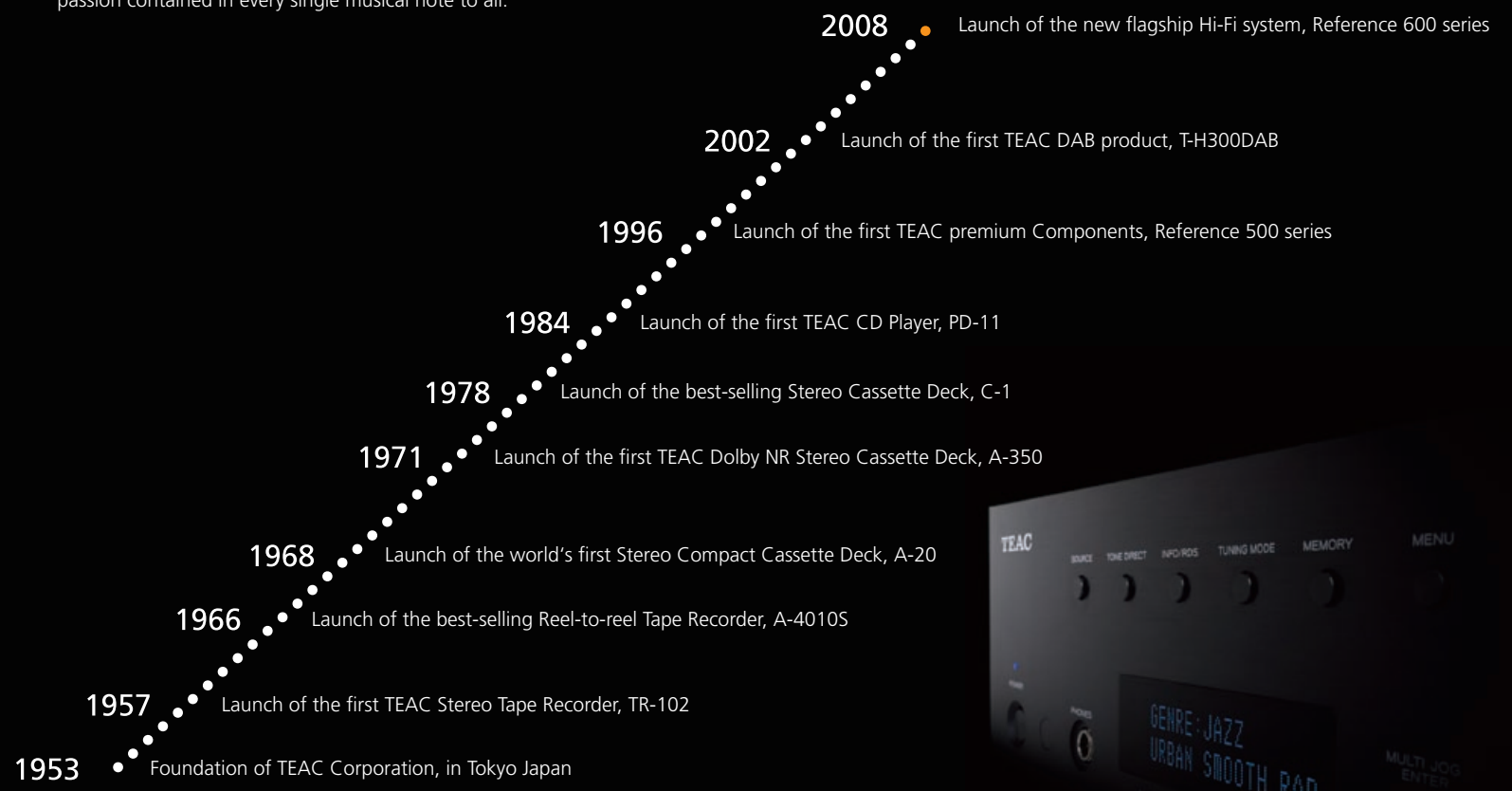


**B E Y O N D   T H E   B O U N D A R Y**



## TEAC's Passion for Music is Everlasting.

The TEAC story began over half a century ago when a young Japanese engineer, Katsuma Tani, introduced a tape-recorder to the market. Since then, a continued commitment to music has generated a plethora of first-class audio products proudly carrying the TEAC brand name. Now, Tani's passion to the music has been handed down to today's engineers in order for them to deliver the passion contained in every single musical note to all.

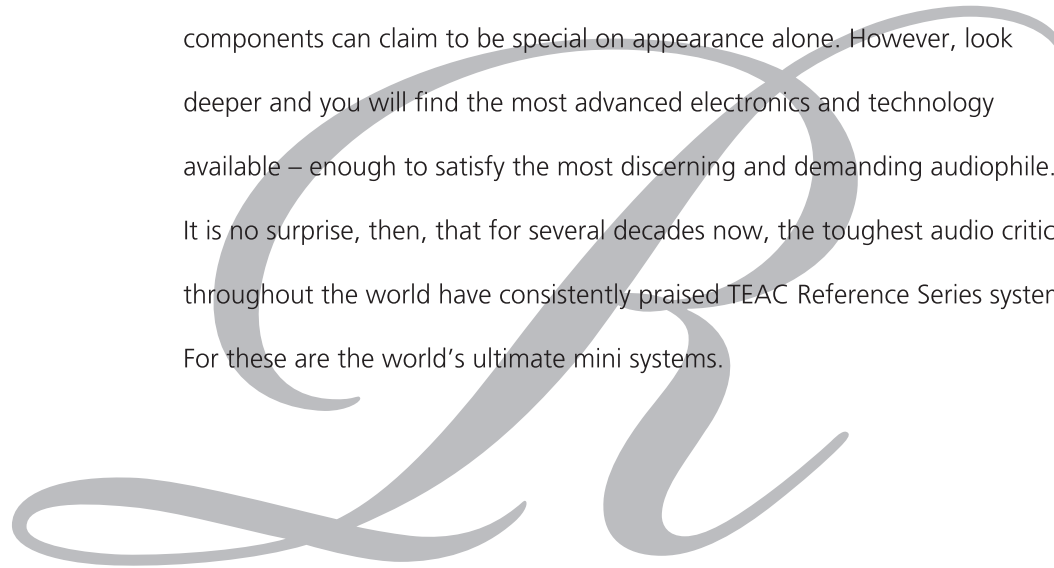


## Breathtaking to Behold – Even Better to Hear.

The concept is simple. Combine the pick of the finest hi-fi separates money can buy with the convenience of contemporary full-system integration.

Machined from solid aluminium, with stylish brushed fascias, these audio components can claim to be special on appearance alone. However, look deeper and you will find the most advanced electronics and technology available – enough to satisfy the most discerning and demanding audiophile.

It is no surprise, then, that for several decades now, the toughest audio critics throughout the world have consistently praised TEAC Reference Series systems. For these are the world's ultimate mini systems.





# ACHIEVING THE ULTIMATE PERFORMANCE

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When you first listen to TEAC's top-of-the-range Stereo Receiver, the AG-H600NT, you'll experience the same emotions as the performing musicians.

This is achieved not by magic but through the accumulation of TEAC's superior technology and experience.



It is a fact that a clean and stable power supply is critical when striving to achieve the ultimate audio performance. Any sudden and rapid increase of the signal level required in a musical passage, such as in the introduction to the second movement of Beethoven's Ninth Symphony, requires a measured and controlled power input. That's why, from the very beginning of its development, TEAC's engineers carefully designed the power supply section of the AG-H600NT to deliver pure and unwavering power supply to every single part of the unit.

# ACHIEVING GREATER ACCURACY

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When you listen to music on TEAC's PD-H600 CD player, you will hear subtle details that you never knew existed, breathing new life into even the most familiar recordings.



The Compact Disc is still the most popular and widely used digital music source in the world, and its potential is huge and indispensable. For accurate signal reading from discs, TEAC's Reference 600 CD Player employs an ultra high precision CD mechanism incorporated into a rigid body construction, skilfully created, and machined by craftsmen.

## AG-H600NT, Stereo Receiver

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### Enforced Power Supply

A large Toroidal-core power transformer delivers ample current power to the heart of the amplifier and a Schottky barrier diode in the rectifier circuit offers great advantages in responding to sudden musical surges. The AG-H600DNT also carries many ELNA electrolytic capacitors and resistors exclusively designed for high fidelity products. There is an oxygen-free copper coil for the audio filter in the power amplifier section. Also, in the power amplifier, a Direct FET Power MOSFET is employed to maximize fully the Class-D amplifier.



### There is no limit to versatility

With an integrated iPod docking station, the AG-H600NT is more than flexible enough to handle today's latest portable music players. Moreover, with the innovative AG-H600NT, Internet Radio offers countless music stations from all over the world – while a neat AM/FM tuner delivers your local information. No matter where you are, over 10,000 Internet Radio stations are available – from a cool jazz station riff in New York City to a meditative beat from mystic Bali.



### Uncompromised Details

TEAC has even thought of incorporating large speaker cable terminals for a better connection – and included an FL display that can be turned off to cancel the unwanted effects of high-frequency radiation noise.

## PD-H600, CD Player

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### For Massive Sound with Great Subtlety

A closer look at the electronics reveals that Burr-Brown's 24-bit/192kHz Delta-sigma D/A Converters maximize the potential of the latest compact-disc recordings. In addition, as you would expect from TEAC, every component – including the ELNA electrolytic capacitors and resistors – are exclusively chosen by experienced engineers for true audiophiles. A shunt regulator maintains the same level of output current by adjusting the value of the resistors, which are connected in parallel in the in-flow current section.



### Flawless Current to Every Single Section

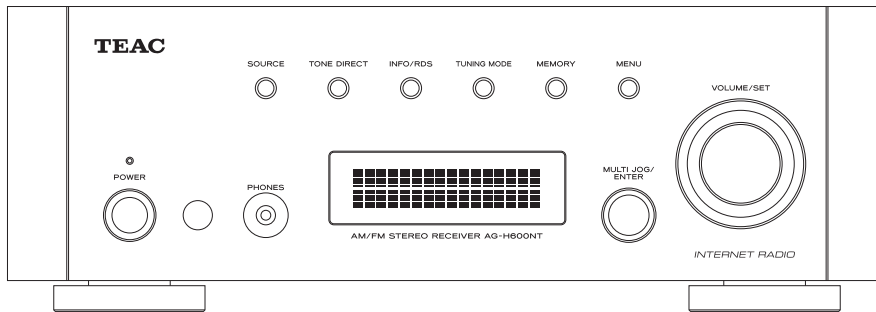
In addition, a Toroidal-core power transformer is incorporated into the CD player, to supply a stable current to the unit, while the thick film resistors used in the signal input section also contribute to the player's natural, free-flowing sound. In order to avoid jitter noise, a master clock generator, operated with a finite low-noise current, is located independently on the circuit adjacent to the D/A converter.



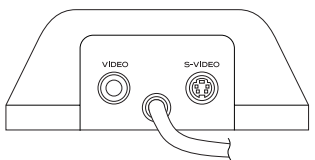
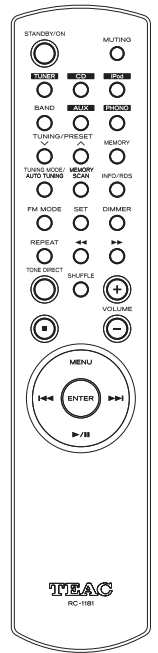
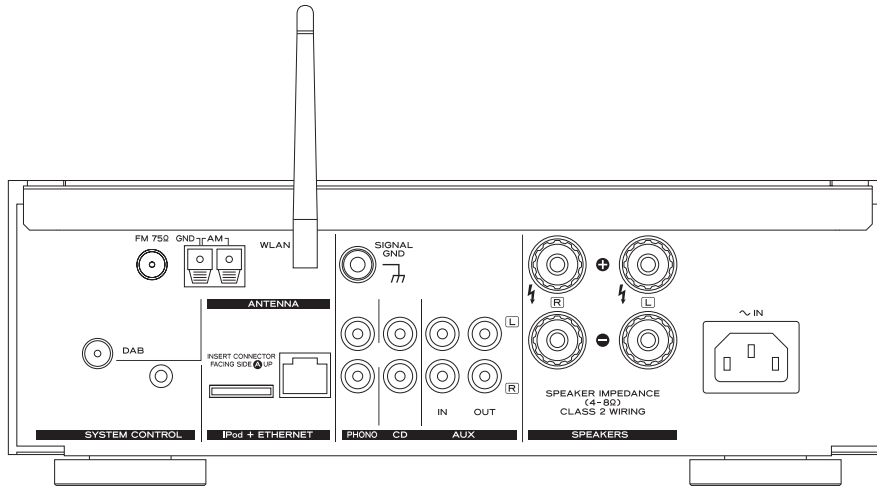
### Fully Armoured

The CD tray itself is constructed using one of the strongest synthetic materials available, contributing to the anti-vibration qualities when the disc is rapidly rotating and ensuring rigidity throughout. In addition, the CD mechanism is positioned at the precise centre of the unit, thus optimising the balance-to-weight ratio.

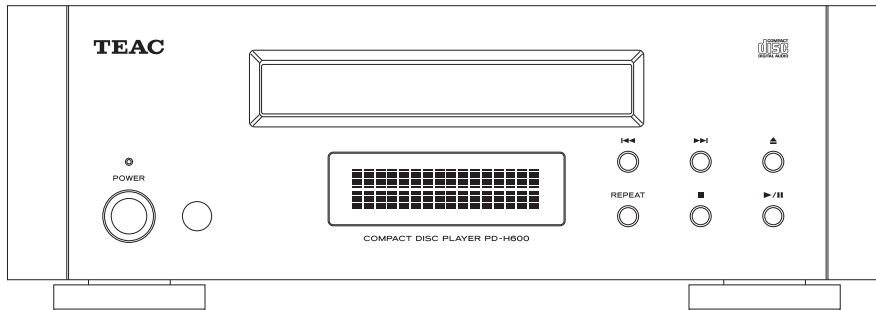
Moreover, construction of the unit has been fully equipped with a robust chassis and thick aluminium panels for the front, top, and sides.



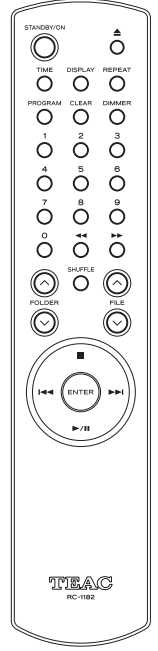
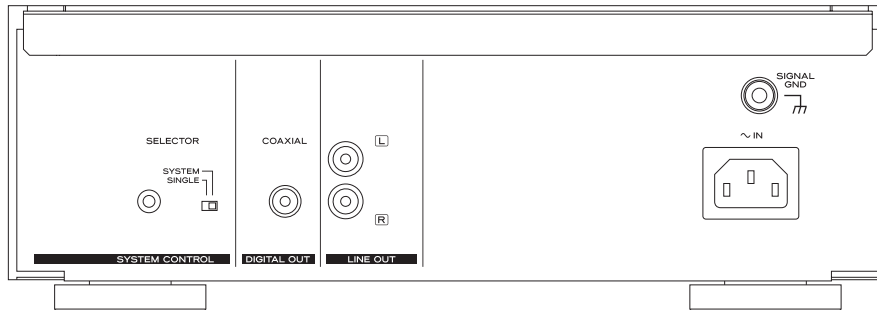
AG-H600NT Stereo Receiver



DS-20 Docking Station for iPod



PD-H600 CD Player







RC-1181

## AG-H600NT



AM/FM/Internet-Radio Stereo Receiver

Output Power:	75W + 75W (8 ohms, 1kHz, 0.5%THD) 90W + 90W (4 ohms, 1kHz, JEITA)
Total Harmonic Distortion:	0.05% (8 ohms, 1kHz, 40W)
Signal-to-Noise Ratio:	70dB (Phono) 100dB (CD, AUX) 110dB (Tone Direct)
Input Sensitivity:	2.8mV, 47k ohms (Phono-MM) 180mV, 47k ohms (CD, AUX)
Frequency Response:	10Hz - 65,000Hz (8 ohms, -3dB, 1W)
Tone Control:	Bass ±12dB (at 100Hz) Mid ±12dB (at 1kHz) Treble ±12dB (at 10kHz)
Tuner:	AM (522kHz - 1620kHz) FM (87.50MHz - 108.00MHz, 50kHz steps) Internet-Radio (MP3, WMA, RealAudio)
Number of Preset:	30 AM, 30 FM
Network:	Ethernet (10Base-T, RJ-45) Wireless LAN (IEEE802.11b/g) Security (WEP, WPA, WPA2)
Audio Input:	4 (Phono, CD, AUX, iPod)
Audio Output:	1 (Line)
Speaker Terminals:	Binding-post x 2 pairs
Headphone:	6.3mm Stereo
Display:	Fluorescent Dot-matrix
Display Dimmer:	Yes (Normal, Dimmed, Off)
Power Requirements:	120V, 60Hz (US), 230V, 50Hz (EUR/Asia)
Consumption Power:	50W (Standby: 0.7W)
Dimension (W x H x D)	11.4" x 4" x 12.6" 290 x 102 x 320mm
Weight:	15 lbs. 6.8kg
Accessories:	System Remote Control, AAA Batteries x 2 AM Loop Antenna, FM Lead-type Antenna Wireless LAN Antenna, Power Cord Owner's Manual, Warranty Card
Option:	Docking Station for iPod (DS-20, Sold separately)



RC-1182

## PD-H600



CD Player

Compatible Discs:	CD-DA, CD-R/RW, MP3, WMA
Frequency Response:	20Hz - 20,000Hz (±0.5dB)
Total Harmonic Distortion:	Less than 0.003% (1kHz)
Signal-to-Noise Ratio:	more than 110dB (1kHz, 0dB, A weight)
D/A Converter:	24bit/192kHz Delta-sigma (PCM1796)
Oversampling Rate:	8-times
Repeat Play	Yes (1, All)
Shuffle Play:	Yes
Programme Play:	Yes (30 Tracks)
Display:	Fluorescent Dot-matrix
Display Dimmer:	Yes (Normal, Dimmed, Off)
Audio Output:	1 RCA (Gold-plated, 2.0Vrms, 1kHz, 0dB)
Digital Output:	1 Coaxial (Gold-plated, 0.5V, 75 ohms)
Signal Ground Terminal:	1
Power Requirements:	120V, 60Hz (US), 230V, 50Hz (EUR/Asia)
Consumption Power:	9W (Standby: 0.7W)
Dimension (W x H x D)	11.4" x 4" x 12.1" 290 x 102 x 308mm
Weight:	11.9 lbs. 5.4kg
Accessories:	System Remote Control, AAA Batteries x 2 RCA Cable, Power Cord, System Cable Owner's Manual, Warranty Card



## DS-20

Docking Station for iPod

iPod Dock:	1
Audio Output:	1
S-Video Output:	1
Composite Video Output:	1
Dimension (W x H x D)	4" x 4" x 1.5" 100 x 100 x 39mm
Weight:	14 oz. 400g
Accessories:	Dock Adapters

# TEAC<sup>®</sup>

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