Last Updated on: September 2, 2014

Supplementary New Product Information (SNPI)

A-R650 MKII
Integrated Stereo Amplifier

A high-powered Integrated Amplifier employing sophisticated differential input discrete amplifier circuitry.

■ Main Features

- 120W + 120W Output Power at 4 ohms
- FET differential input three-stage pure complementary discrete power amplifier
- 7 Audio Inputs including Phono Input
- Built-in Phono-equalizer Amplifier (MM Type)
- Mic Input with Mic Mixing
- Two Selectable Speaker Channels (Speaker A and B)
- TAPE2 Monitor
- Balance Control, Tone Control (Bass, Treble), Loudness
- Source Direct
- Headphone Out

Brand	TEAC
Series	Full-size Component
Model	A-R650MKII-B
Announcement Date	July 2014
Delivery Date	July 2014
UPC Code	n/a
EAN Code	4907034218844
Overall Dimensions/NW W x H x D	435 x 142 x 355 / 9.2 (mm/kg) 17.1 x 5.6 x 14.0 / 20.3 (inch/lbs)
Package Dimensions/GW W x H x D	540 x 240 x 450 / 11.1 (mm/kg) 20.9 x 9.5 x 17.7 / 24.5 (inch/lbs)
Qty. per Master Carton	1 pc.

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The A-R650 MKII amplifier provides up to 2 x 120W of output power and can be used with speakers of between 4Ω and 16Ω impedance. That makes it the perfect amplifier choice, regardless of whether it's to be used with bookshelf monitor speakers or large floorstanding speakers. Because the amplifier is equipped with two pairs of speaker outputs you can also enjoy simultaneous sound in separate rooms.

Further features include an adjustable microphone input and a headphone output. A Phono input with built-in Phono equalizer amplifier is another attractive feature for traditional audiophiles. A system remote control unit that's able to control the CD-P650 CD Player and any UR-tagged TEAC components also comes as standard. TAPE2 Monitor delivers monitor sound from the TAPE2 input to the speakers, regardless of the input source.

■ A high-performance Stereo Integrated Amplifer

- Differential Input Discrete Pre-amplifier Circuit

  A discrete circuit design is employed for pre-amplifier section, to deliver a detailed yet abundantly musical quality. Your room will be filled with natural and powerful sound...

- FET Differential Input 3-stage Pure Complimental Discrete Power Amplifier Circuit

  The power amplifier section employs a Differential Input 3-stage Pure Complimental Discrete circuit with FET (Field Effect Transistor). The circuit design has an optimised layout to minimize interference and signal loss as it travels through the circuit board.

- Mic input with mixing function

  A mic input on the front panel allows users to stage Karaoke sessions by mix singing voices from a mic input with music from a selected input source. The A-R650 MKII also helps users to record their Karaoke performances by sending the blended sound out to an external recording device such as AD-RW900 or CD-RW890.

- Auxiliary AC Output

  The A-R650 MKII also features a switched auxiliary AC output on rear panel (up to 100w), so users can connect a CD Player or component, minimising the number of plugs required.

■ Features at-a-glance

- 120W + 120W Output Power
- Differential input discrete amplifier
- FET differential input three-stage pure complementary discrete power amplifier
- Microphone input jack with Mic Mixing capability
- Two selectable speaker channels (Speakers A and B)
- Built-in phono-equaliser amplifier (MM type)
- Interconnection with iPod-compatible CD-P650 CD player
- Remote-controllable motor-driven volume control
- Balance, Tone Control (Bass, Treble), Loudness
- Source Direct
- TAPE2 Monitor
- Auxiliary AC Power Outlet (Switched, Max 100W)
- Gold-plated RCA terminals on Rear Panel
- Headphone Jack
- Complies with RoHS

■ Specifications

Amplifier section

Rated Output Power	120W + 120W (4 ohms, 1kHz, T.H.D. 0.5%), 90W + 90W (8 ohms, 1kHz, T.H.D. 0.5%)
Total Harmonic Distortion	0.02% (8 ohms, 1kHz, 45W)

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Supported Speaker Impedance	
Speaker A or B	4 to 16 ohms
Speaker A + B	8 to 16 ohms
Frequency Response	
Overall	10Hz to 65kHz
Phono	20Hz to 20kHz (±1dB RIAA)
Line	5Hz to 80kHz (Source Direct, 1W)
Signal-to-Noise Ratio (Input Short)	
Phono	65dB
Line	90dB
Tone Control	
BASS	±10dB (100Hz)
TREBLE	±10dB (10kHz)
Muting	–20dB

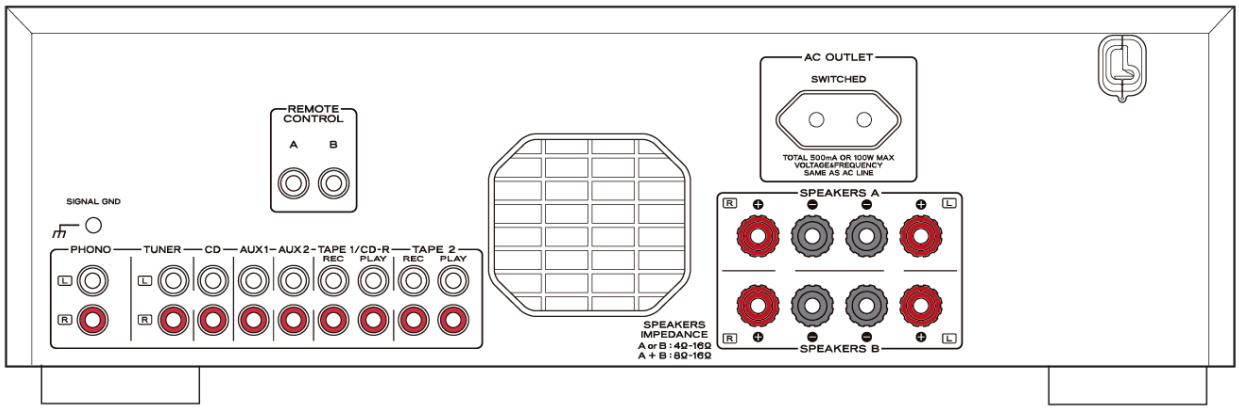
Audio Inputs/Outputs

Audio Inputs	
Line	x 6 (RCA, Gold-plated)
Input Level	180mV
Impedance	47k ohms
Phono	x 1 (RCA, Gold-plated)
Input Level	2.8mV
Impedance	47k ohms
Audio Outputs	
Line	x 2 (RCA, Gold-plated)
Output Level (TAPE/CD-R)	150mV
Impedance (TAPE/CD-R)	3.3k ohms
Mic Input	6.3mm Monaural Jack
Headphone Out	6.3mm Stereo Jack
Speaker Terminals	A, B (Binding-post)

General

Auxiliary Power Outlet	Euro Socket x 1 (Max 100W)
Power	AC230V 50Hz (UK/Europe)
Power Consumption	300W (0.5W at standby mode)
Overall Dimensions (W x H x D)	435 x 142 x 355 mm, 17.1" x 5.6" x 14.0"
Net Weight	9.2 kg, 20.3 lbs.
Accessories	Remote Control (UR-1314), AAA Batteries x 2
	Owner's Manual (including Warranty Card)

■ Rear Panel



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