D+M GROUP
PERFORMANCE IS EVERYTHING

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Model Information

INTEGRATED NETWORK AV RECEIVER

NOTE:
This edition is missing the FAQ's content (pages 13 and 14) …………………………………………………………9/29/2015
This edition is missing the link to the IR Codes……………………………………………………….....9/29/2015

Front Panel
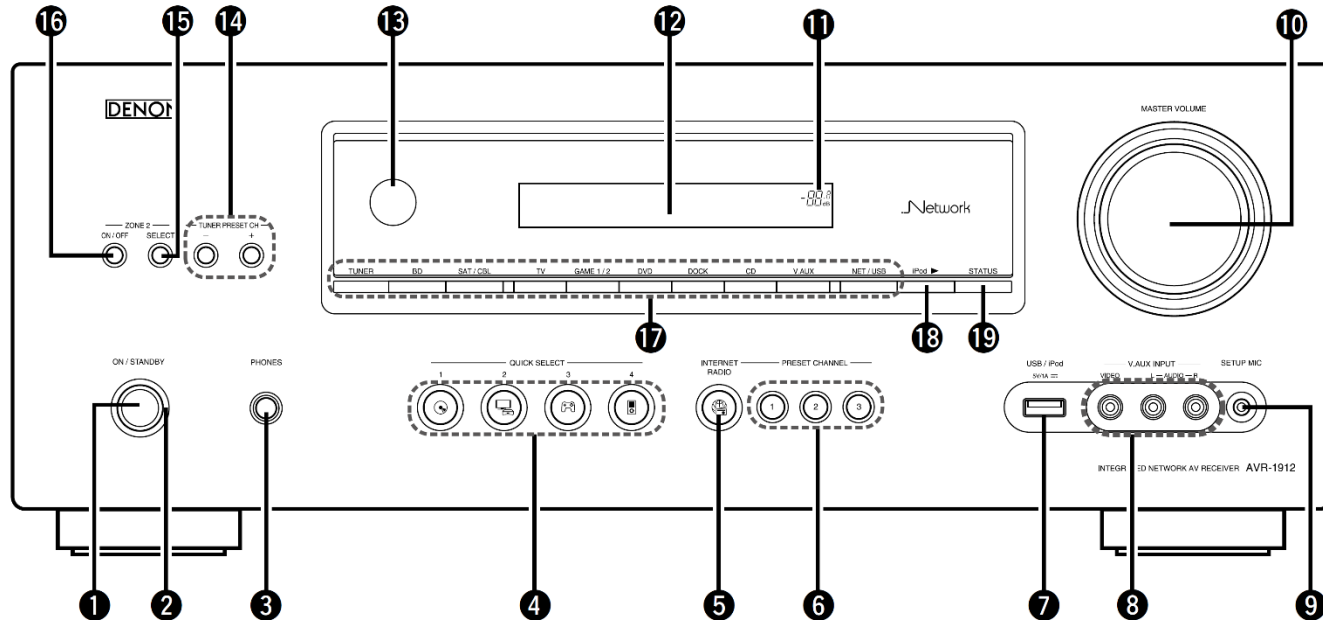
① **Power operation button (ON/STANDBY)**
Turns power to this unit on and off (standby).

② **Power indicator**

③ **Headphones jack (PHONES)**
When the headphones are plugged into this jack, audio will no longer be output from the connected speakers or from the PRE OUT connectors.
NOTE: To prevent hearing loss, do not raise the volume level excessively when using headphones.
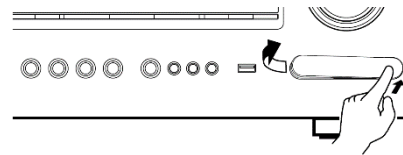
④ **QUICK SELECT buttons**

⑤ **INTERNET RADIO button**

⑥ **PRESET CHANNEL buttons (1 – 3)**

⑦ **USB/iPod port**

⑧ **V.AUX INPUT connectors**
Remove the cap covering the connectors when you want to use them.

⑨ **SETUP MIC jack**

⑩ **MASTER VOLUME control knob**

⑪ **Master volume indicator**

⑫ **Display**·

⑬ **Remote control sensor**

⑭ **Tuner Preset channel buttons (TUNER PRESET CH+,-)**

⑮ **ZONE SELECT button**

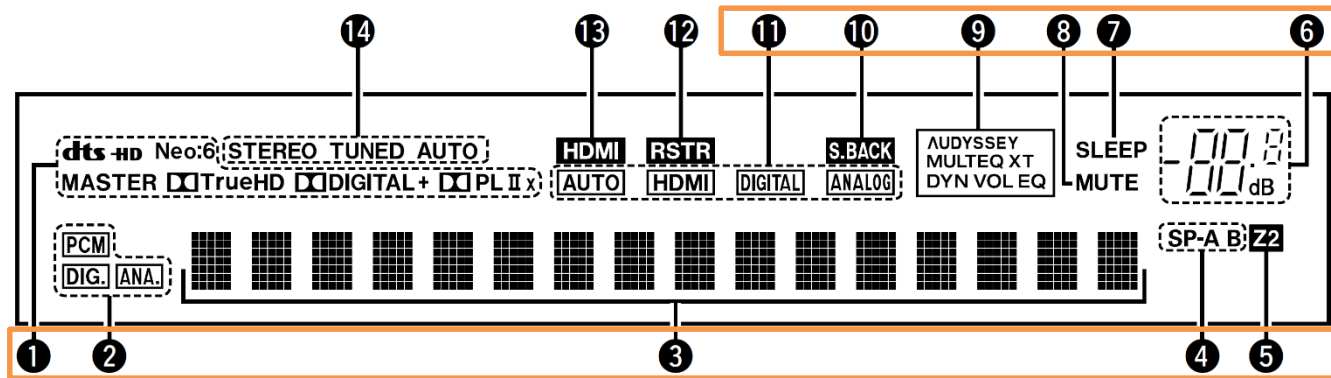⑯ **ZONE2 ON/OFF button**

⑰ **Input source select button**

⑱ **iPod play button (iPod 1 ▶)**

⑲ **STATUS button**

dts HD Neo:6 | STEREO TUNED AUTO
MASTER TrueHD DIGITAL+ PL IIx
HDMI RSTR
AUTO HDMI DIGITAL ANALOG
S.BACK
AUDYSSEY MULTEQ XT DYN VOL EQ
SLEEP
MUTE
PCM
DIG. ANA.
SP-A B Z2

① **Decoder indicators**

These light when the respective decoders are operating.

② **Input signal indicators**

③ **Information display**

The input source name, surround mode, setting values and other information are displayed here.

④ **Front speaker indicator**

This lights according to the setting of the front A and B speakers.

⑤ **Multi-zone indicators**

This lights up when ZONE2 (separate room) power is turned on

⑥ **Master volume indicator**

⑦ **Sleep timer indicator**

This lights when the sleep mode is selected

⑧ **MUTE indicator**

This lights when the mute mode is selected

⑨ **Audyssey® indicators**

Lights up as follows, depending on the setting of "MultEQ® XT",

| AUDYSSEY MULTEQ XT DYN VOL | When "MultEQ® XT", "Dynamic EQ®" and "Dynamic Volume®" are "ON". |

| AUDYSSEY MULTEQ XT DYN EQ | When "MultEQ® XT" and "Dynamic EQ®" are "ON" and "Dynamic Volume®" is "OFF". |

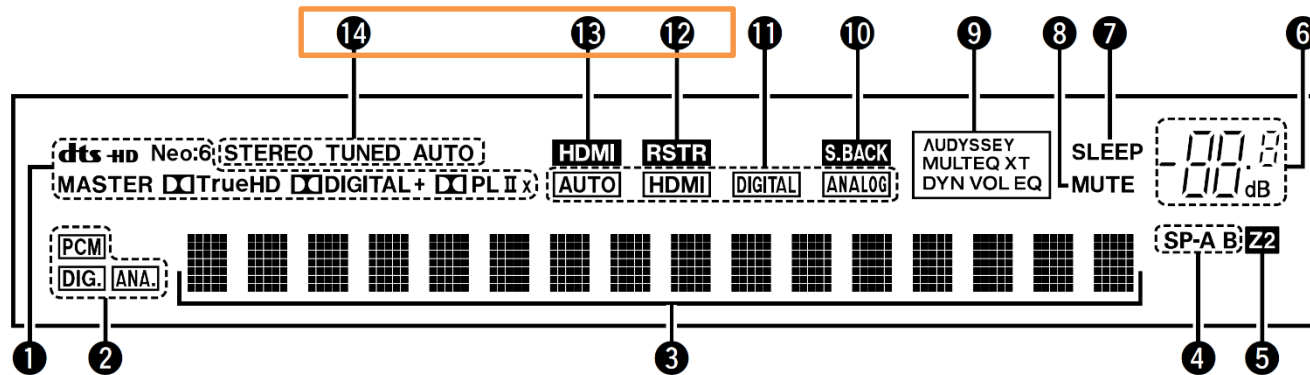| AUDYSSEY MULTEQ XT | When "MultEQ® XT" is "ON" and "Dynamic EQ®" and "Dynamic Volume®" are "OFF". |

⑩ **Surround back indicator**

This lights when audio signals are being output from the surround back speakers (vpage 86).

⑪ **Input mode indicators**

Set the audio input modes for the different input sources

⑫ RESTORER indicator

This lights when the RESTORER mode is selected (vpage 83).

⑬ HDMI indicator

This lights when playing using HDMI connections.

⑭ Tuner reception mode indicators

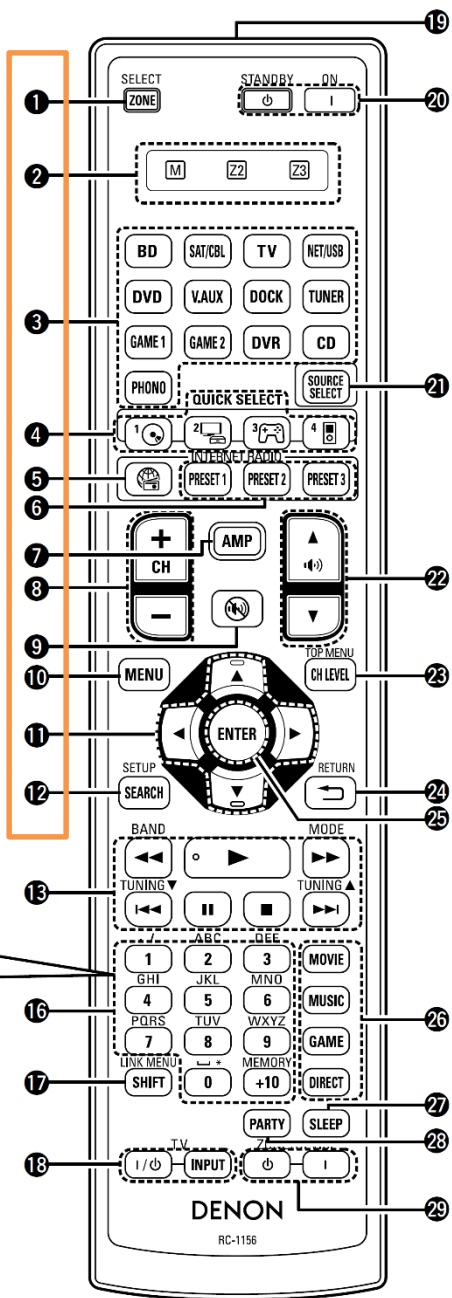These light according to the reception conditions when the input source is set to "TUNER".

STEREO : In the FM mode, this lights up when receiving stereo broadcasts.

TUNED : Lights up when the broadcast is properly tuned in.

AUTO : Lights up when in the auto tuning mode.

Rear Panel

① **FM/AM antenna terminals**

② **Analog audio connectors**

③ **PRE OUT connectors**

④ **S-VIDEO?VIDEO connector**

⑤ **COMPONENT VIDEO connector**

⑥ **Speaker terminal**

⑦ **Power cord**

⑧ **HDMI connectors**

⑨ **Digital audio connectors**

⑩ **ETHERNET connector**

⑪ **DOCK CONTROL jack**

① **ZONE SELECT button**

② **Zone mode indicators**

③ **Input source select buttons**

④ **QUICK SELECT buttons**

⑤ **INTERNET RADIO button**

⑥ **Preset channel buttons (PRESET 1 – 3)**

⑦ **AMP button**

⑧ **Channel buttons (CH +, −)**

⑨ **Muting button (◀✕)**

⑩ **MENU button**

⑪ **Cursor buttons (▲▼◀▶)**

⑫ **SEARCH button**

REAR PANEL

HOME

REMOTE CONTROL 2

6
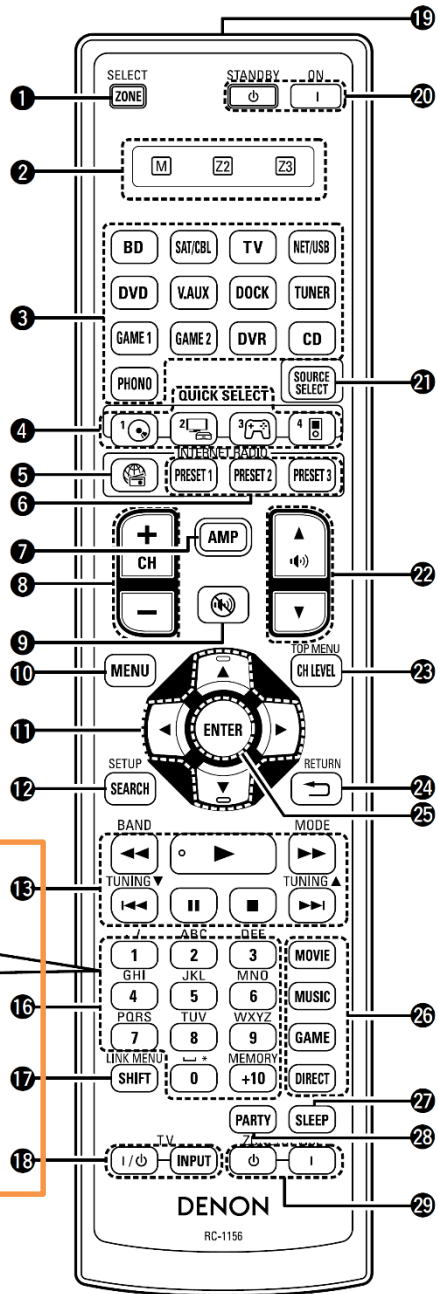
⑬ **System buttons**
• Search buttons (◀◀ ▶▶)
• Skip buttons (I◀◀ ▶▶I)
• Play button (▶)
• Pause button (II)
• Stop button (■)

Tuner system buttons
• FM/AM band switching button (BAND)
• Tuning mode button (MODE)
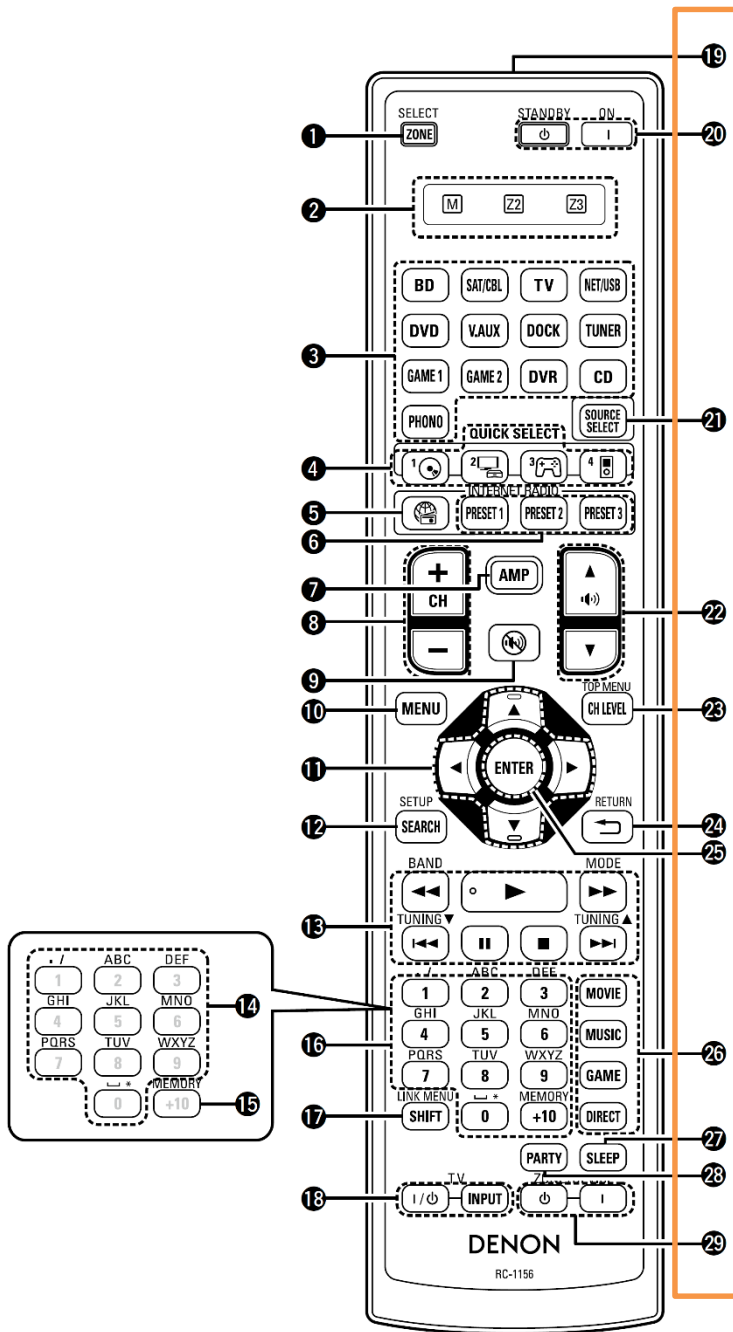• Tuning up / Tuning down buttons
(TUNING ▲▼)

⑭ **Character buttons**

⑮ **MEMORY button**

⑯ **Number buttons**

⑰ **SHIFT button**

⑱ **TV operation buttons**
(TV I / ⏻ / INPUT)·

REMOTE CONTROL 1

HOME

REMOTE CONTROL 3

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⑲ **Remote control signal transmitter**

⑳ **Power buttons**
(ON / STANDBY)

㉑ **SOURCE SELECT button**

㉒ **Master volume control buttons**
(◀▲▼)

㉓ **Channel level button (CH LEVEL)**

㉔ **RETURN button**

㉕ **ENTER button**

㉖ **Surround mode buttons**
• MOVIE button
• MUSIC button
• GAME button
• DIRECT button

㉗ **SLEEP button**

㉘ **PARTY button**

㉙ **ZONE/DEVICE power buttons**

NOTE:
The **DVR** and **PHONO** buttons cannot be used.

REMOTE CONTROL 2

HOME

Warranty 1

This warranty will be honored only in the **U.S.A.**

Length of Non-Transferable Warranty
This warranty on your DENON product which is distributed and warranted by DENON ELECTRONICS (USA), LLC remains in effect for the following periods from the date of the original consumer purchase from an AUTHORIZED DENON ELECTRONICS (USA), LLC DEALER.

2 years for units purchased new

1 year for refurbished (B-Stock) units

DENON ELECTRONICS (USA), LLC
(a D&M Holdings Company)
100 Corporate Drive
Mahwah, NJ 07430-2041
(201) 762-6665
www.usa.denon.com

DENON FACTORY SERVICE by PANURGY OEM
701 Ford Road (South Dock)
Rockaway, NJ 07866-2053
(973) 625-4056
(973) 625-9489 Fax
http://www.panurgyoem.com/Denon/Denonrepair.html

See the next page for more information about the Denon limited warranty

What is Covered

Except as specified below, this Warranty covers all defects in material and workmanship in this product occurring during the above warranty periods. The following are not covered by the Warranty: (1) Any product which is not distributed in the U.S.A. by DENON ELECTRONICS (USA), LLC. (2) Any product which is not purchased in the U.S.A. from an authorized DENON dealer. (Note: AUTHORIZED DENON DEALERS can be identified by DENON AUTHORIZED DEALER sticker displayed in the stores. If you are uncertain as to whether a dealer is a DENON AUTHORIZED DEALER, please contact DENON as listed below). (3) Any product on which the serial number has been defaced, modified or removed. (4) Damaged deterioration or malfunction resulting from: a) Accident, act of nature, abuse, misuse, neglect, unauthorized product repair, opening of or modification or failure to follow instructions supplied with the product. b) Repair or attempted repair by anyone not authorized by DENON. c) Any shipment of the product (claim must be presented to carrier). (5) Items subject to wear from normal usage (tape heads, cartridges, stylus, battery, etc.). (6) Periodic check-ups which do not disclose any defect. (7) Use of the product outside the U.S.A. (8) Damaged magnetic tape or CD/DVD/BD discs. (9) Use in industrial, commercial, and/or professional applications. (10) Any installation or removal charges resulting from product failure.

What We Will Pay For

If during the applicable warranty period from the date of original consumer purchase your DENON product is found to be defective by DENON, DENON will repair, or at its option, replace with new, reconditioned or equivalent model, such defective product without charge for parts or labor.

How to Obtain Warranty Performance

If your unit ever needs service, it may be taken or shipped to any authorized DENON service station or DENON ELECTRONICS (if you are uncertain as to whether a service station is DENON authorized, please visit our website at http://usa.denon.com/us/Support/Pages/ServiceCenterSearch.aspx or contact DENON as listed below.) In all other cases, the following procedures apply whenever your unit must be transported for warranty service;

    You are responsible for transporting your unit or arranging for its transportation.

    If shipment of your unit is required;

You must pay the initial shipping charges, but we will pay the return shipping charges if the repairs are covered by the Warranty.

    WHEN RETURNING YOUR UNIT FOR WARRANTY SERVICE, A COPY OF THE ORIGINAL SALES SLIP MUST BE ATTACHED.

    You should include the following: your name, address, daytime telephone number, model and serial number of the product and a description of the problem. In the case of a CD/DVD/BD Player, please enclose ONE (1) disc that the unit has failed with for test reasons. It will be returned with the unit.

THIS WARRANTY IS VALID IN THE U.S.A. ONLY.

If your product does not require service, but you have questions regarding its operation, please contact our Customer Support Department as listed below.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
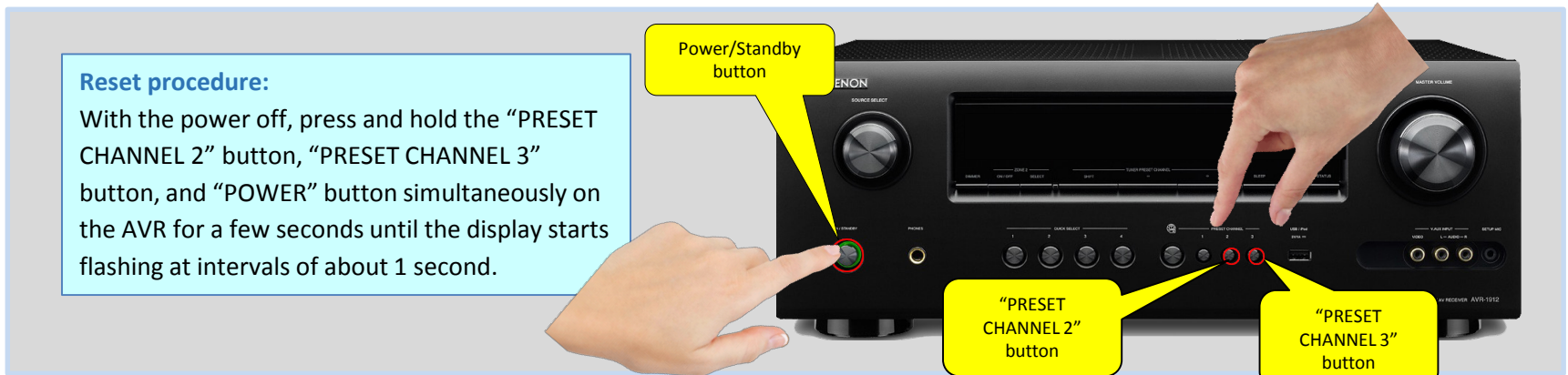
OUR LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL IN NO EVENT INCLUDE INCIDENTAL OR CONSEQUENTIAL COMMERCIAL OR PROPERTY DAMAGES OF ANY KIND. WE ARE NOT RESPONSIBLE FOR PRODUCTS LOST, STOLEN AND/OR DAMAGED DURING SHIPPING.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, but you may also have other rights which vary from state to state. This Warranty may not be altered other than in a writing signed by an officer of Denon Electronics USA, LLC.

WARRANTY 1   HOME   RESET

Reset

Important: Back up the settings before resetting the microprocessor. Most settings are reset to the factory default values after performing this procedure. This means that all the settings data will be completely lost if it's not previously saved.

Reset procedure:

With the power off, press and hold the "PRESET CHANNEL 2" button, "PRESET CHANNEL 3" button, and "POWER" button simultaneously on the AVR for a few seconds until the display starts flashing at intervals of about 1 second.

Power/Standby button

"PRESET CHANNEL 2" button

"PRESET CHANNEL 3" button

Resetting the micro is a procedure used to "reboot" the microprocessor to restore its normal operation when it temporarily freezes, locks up, or behaves erratically. Resetting the microprocessor, erases any saved settings you may have previously programmed into the unit

Issues that can affect the performance of the microprocessor:

- A jolt of static electricity
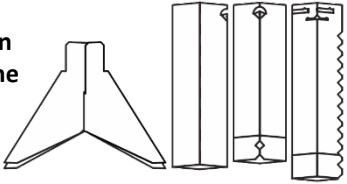- Current surge through an input
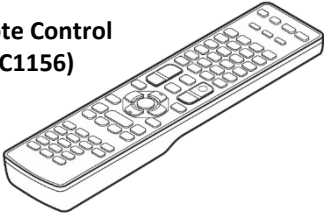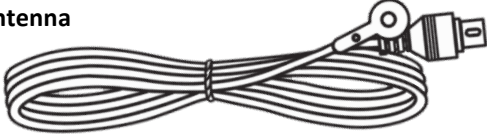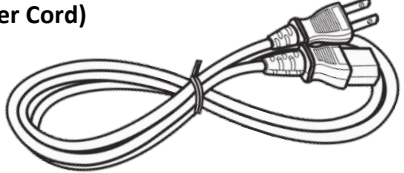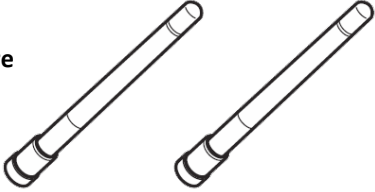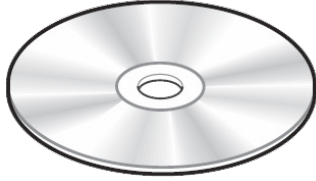
Before resetting the microprocessor;
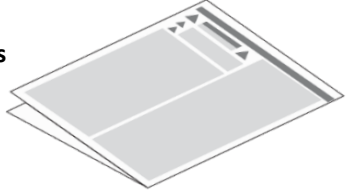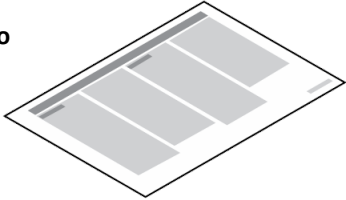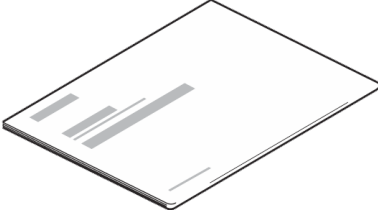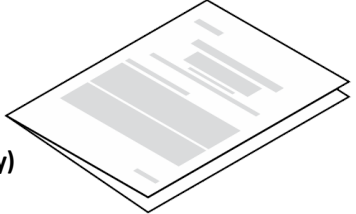
- Check all connections carefully
- Check for setup errors
- Back up your settings. You may also want to write down your preferred settings for easier task of setting up the AVR after reset.

Note: The Web (Browser) Control feature can be used to back up your settings by saving a configuration file on your hard drive. For this feature, we recommend using one of the following web browsers: Internet Explorer 10 and above, Mozilla Firefox 24 and above, Google Chrome 29 and above, and Safari 5.x and above.

Note: If you had an installer setup your system, please first contact your installer to see if they can reset and then setup your system again as there may be specific EQ calibrations (Audyssey) that the installer will need to perform.

Accessories

Remote Control (RC1156)		**Sound Calibration Microphone (ACM1HB)**		**Sound Calibration Microphone Stand**	
307010087002D	**$49.99**	324010001003D	**$24.48**		
AM Loop Antenna		**FM Indoor Antenna**		**Power Cord)**	
90M-ZA000260R or 963116100070S	**$8.99**	00D9600187308 or 963116100080S	**$7.79**		
External Antennas For Bluetooth/Wireless Connectivity		**CD ROM Owner's Manual**		**Safety Instructions**	
NA					
Notes on Radio		**Quick Start Guide**		**Warranty (For North America Only)**	

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Upgrades/Updates

Firmware:

This unit has the ability to update its firmware over the internet if so is selected by the user. When connected to a network via Wi-Fi or Ethernet, the AVR searches automatically for new updates and if any is found, a message appears on the screen for approx. 40 seconds with the options of updating the firmware: "NOW", "LATER", or "IGNORE". Note: This feature of displaying the update message, can be disable from the "Setup" menu (Setup/General/Firmware/Notifications/Update or Upgrade/Off).

If the update process is interrupted, *"Update retry"* appears on the display and the unit tries repeatedly to continue the update until it either reconnects and picks up where it left off and continue the update process or times itself out after trying several times. When the latter occurs, one of the following messages will appear on the screen.

Connection fail	Download fail	Updating fail	Server is busy	Login failed

To Check for Firmware Update from the Denon server when the unit is connected to the internet via the Ethernet port (When Firmware Notification is turned off).
Press "SETUP" and select "GENERAL" and then select "FIRMWARE" followed by "UPDATE" and finally, select "CHECK FOR UPDATE".
Note: This will also check the time it will approximately take to complete the update.

To download the latest version of firmware for AVR-1912, click on the following Upgrade page:
www.usa.denon.com/US/Downloads/Pages/Product-Updates.aspx

To display the AVR's current firmware version on the TV screen:
Press "SETUP" and select "GENERAL" and then select "INFORMATION" followed by "FIRMWARE".

To check to see if an update or upgrade is available for your unit and also to see a list of "Recent Updates/Upgrades", click on the following link:
http://usa.denon.com/us/downloads/productupdates?_ga=1.114028992.611911196.1430951505

Specifications – Audio Section

Audio section			
Power amplifier	Rated output	Front	90 W + 90 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.05 % T.H.D.)
			125 W + 125 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
		Center	90 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.05 % T.H.D.)
			125 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
		Surround	90 W + 90 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.05 % T.H.D.)
			125 W + 125 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
		Surround back	90 W + 90 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.05 % T.H.D.)
			125 W + 125 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
	Output connector		6 – 16 Ω/ohms
Analog	Input sensitivity/Input impedance		200 mV/47 kΩ/kohms
	Frequency response		10 Hz – 100 kHz — +1, −3 dB (DIRECT mode)
	S/N		100 dB (IHF–A weighted, Direct mode)

Specifications - Video section, Tuner Section, General Section

Video section		
Standard video connectors	Input/output level and impedance	1 Vp-p, 75 Ω/ohms
	Frequency response	5 Hz -10MHz, 0, - 3dB

Tuner section		
(ANTENNA input – MEDIA PLAYER OUT)	FM	AM
	Note: µV at 75 Ω/ohms, 0 dBf = 1×10^{-15} W	
Reception frequency range	87.5 MHz - 107.9 MHz	520 KHz - 1710 KHz
Usable sensitivity	1.2 µV (12.8 dBf)	18µV
50 dB Quieting Sensitivity	Mono	2.8 µV (20.2 dBf)	
S/N (IHF-A)	Mono	70 dB (DIRECT Mode)	
	Stereo	67 dB (DIRECT Mode)	
Total harmonic distortion (At 1 kHz)	Mono	0.7 %	
	Stereo	1.0 %	

General section	
Power supply	AC 120V, 60Hz
Power consumption	460W
Power consumption in standby mode	0.1W
Power consumption in network standby mode	3W

Remote control unit (RC-1156)	
Batteries	R6/AA Type (two batteries)
Maximum external dimensions	2-3/32” (W) x 8-13/16” (H) x 1-7/64” (D) (53 x 224 x 28 mm)
Weight	5.6 oz (160 g, including batteries)

For purpose of improvement, specifications and design are subject to change without notice.

Specifications – Dimensions, Weight

Dimensions section (Unit : inch/mm)

55/64 (22.0)

13 21/64 (338.5)

15 3/64 (382.0)

27/32 (21.5)

17 1/8 (435.0)

5 25/32 (147.0)

6 3/8 (162.0)

19/32 (15.0)
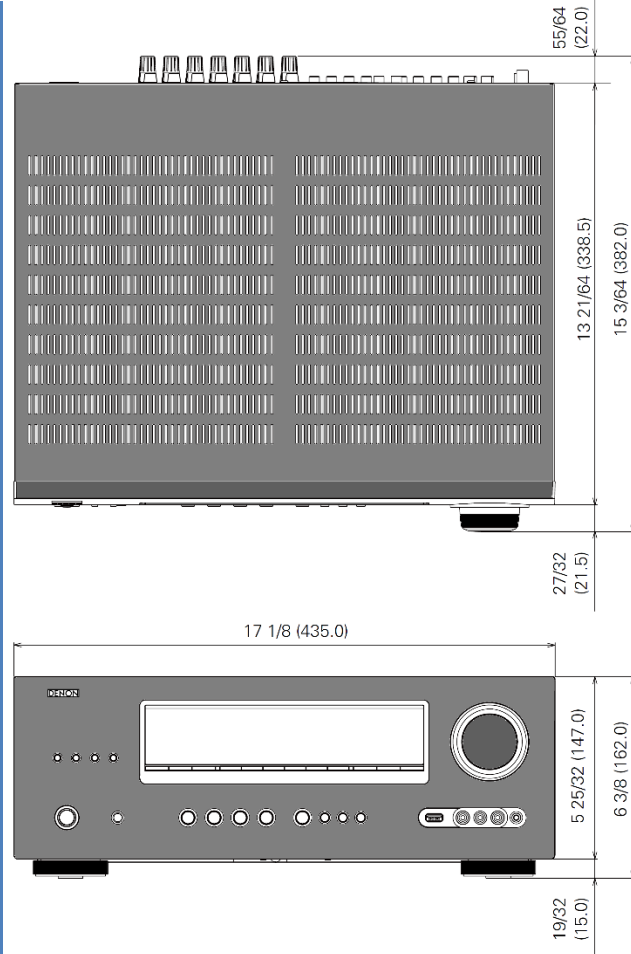
Weight: 22 lbs 7.8 oz (10.2 kg)

The End

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HOME