

DENON

AM-FM STEREO RECEIVER

DRA-697CI

OPERATING INSTRUCTIONS [Upgrade version for HD Radio™ function]

MODE D'EMPLOI [Version mise à jour pour la fonction HD Radio™]

This manual includes explanations of functions that are added after upgrading the receiver.
 For instructions on operating the receiver, also refer to the operating instructions included with the receiver.

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HD Radio

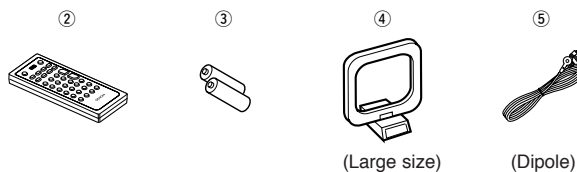
HD Radio™ technology manufactured under license from iBiquity Digital Corporation. "iBiquity Digital" and the "HD Radio" and "HD" symbols are registered trademarks of iBiquity Digital Corporation. U.S. and Foreign Patents.

Getting Started

Accessories

Check that the following parts are attached in addition to the main unit:

- ① Operating instructions1
- ② ZONE remote control unit (RC-1066)1
- ③ R03/AAA batteries2
- ④ AM loop antenna (for HD Radio broadcasting)1
- ⑤ FM indoor antenna (for HD Radio broadcasting)1



Using the HD Radio™ receiver

HD Radio technology provides higher quality sound than conventional broadcasts and allows reception of data services.

- FM sounds as sensational as CDs
- AM sounds as rich as analog FM stereo
- A variety of "data services", including text-based information-song title, artist name, album name, genre, etc.

Furthermore, in addition to conventional broadcasts, with HD Radio broadcasting it is possible to choose from up to 8 multicast programs. For detailed information on HD Radio technology, please go to "www.ibiquity.com".

About the remote control unit

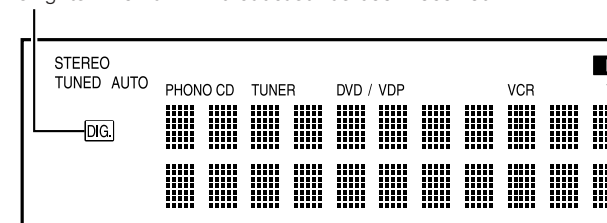
The procedure for inserting the batteries and the operating range of the ZONE remote control unit (RC-1066) are the same as for the ZONE remote control (RC-1056) unit included with the set. For details, see page 2 of the included operating instructions.

Part names and functions

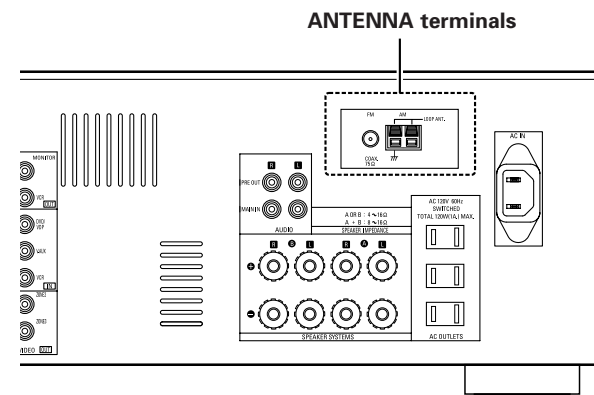
Display

DIGITAL indicator

This lights when an HD broadcast has been received.



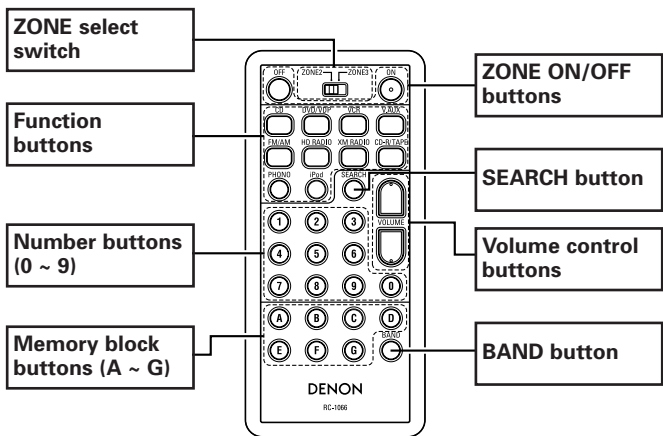
Rear panel



Getting Started

Remote control unit

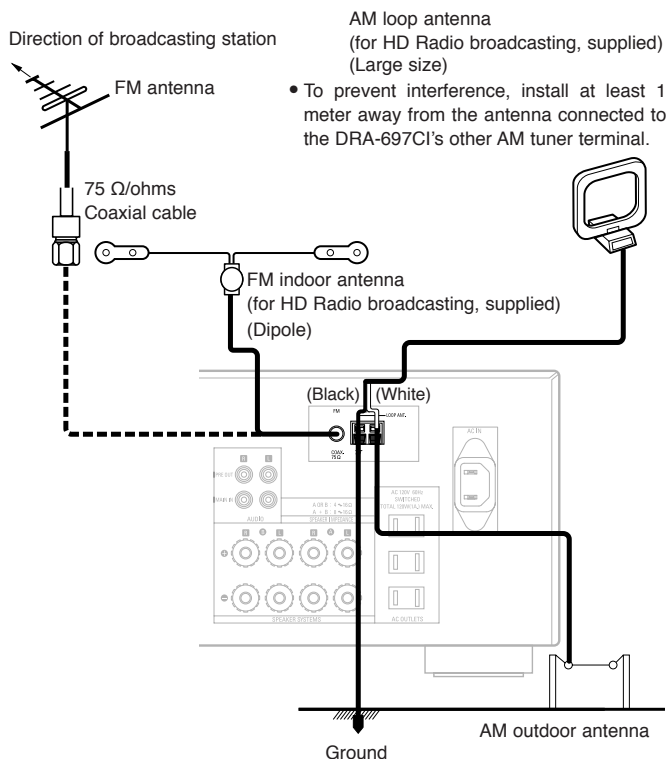
☐ ZONE remote control unit (RC-1066)



Connections

Connecting the antenna terminals

An F-type FM antenna cable plug can be connected directly.



• For details, see page 8 of the included operating instructions.

Operation

Listening to the HD Radio™ broadcasting

HD Radio auto preset memory

This unit is equipped with a function for automatically searching for FM broadcast stations and storing them in the HD Radio preset memory.

- 1** Use **FUNCTION**, press **TUNER (RC-1052)** or **HD RADIO (RC-1066)** to select “HD RADIO”.
- 2** Press **MENU**.
 - “Auto Preset” is displayed.
- 3** Press **ENTER**.
 - The unit automatically begins searching for FM broadcast stations.

✳ When the first FM broadcast station is found, that station is stored in the auto preset memory at channel A1. Subsequent stations are automatically stored in order at preset channels A1 to A8, B1 to B8, C1 to C8, D1 to D8, E1 to E8, F1 to F8 and G1 to G8 for a maximum of 56 stations.

✳ Channel A1 is tuned in after the HD Radio auto preset memory operation is completed.



- If an FM station cannot be preset automatically due to poor reception, use the “HD Radio manual tuning” operation to tune in the station, then preset it using the manual “HD Radio Preset memory” operation.
- To interrupt this function, press **<ON/STANDBY>**.

☐ Default settings

Auto tuner presets	
A1 ~ A8	87.5 / 87.9 / 89.1 / 93.3 / 97.9 / 98.1 / 98.9 / 100.1 MHz
B1 ~ B8	101.9 / 102.7 / 107.9 / 90.1 / 90.1 / 90.1 / 90.1 / 90.1 MHz
C1 ~ C8	530 kHz / 600 / 930 / 1000 / 1120 / 1210 / 1400 / 1710 kHz
D1 ~ D8	90.1 MHz
E1 ~ E8	90.1 MHz
F1 ~ F8	90.1 MHz
G1 ~ G8	90.1 MHz

Operation

HD Radio auto tuning

1 Use **FUNCTION**, press **TUNER (RC-1052)** or **HD RADIO (RC-1066)** to select “HD RADIO”.

2 Press **BAND** to select “FM” or “AM”.

3 Press **MODE** to select “HD Auto” or “Auto”.

- The “DIG.” indicator lights when an HD Radio broadcast is tuned in.
- HD Auto: Auto tuning stops when an HD Radio program only is tuned in.
- Auto: Auto tuning stops when an HD Radio or analog program is tuned in.

4 Press **TUNING**.

- Automatic searching begins.



- If tuning does not stop at the desired station, use to the “HD Radio manual tuning” operation.

HD Radio manual tuning

1 Use **FUNCTION**, press **TUNER (RC-1052)** or **HD RADIO (RC-1066)** to select “HD RADIO”.

2 Press **BAND** to select “FM” or “AM”.

3 Press **MODE** to select “Manual”.

4 Press **TUNING**.

- ※ The frequency changes continuously when the button is held in.



- When in the manual tuning modes is set, FM analog stereo broadcasts are received in manual and the “STEREO” indicator turns off.

Selecting HD Radio audio programs

There are nine audio programs (HD1 to HD8 and Analog) for the HD Radio. There are also data programs for each program.

Press **SEARCH** or [Δ ∇] to select programs.

- ※ The reception channel switches each time a button is pressed. When there are multiple audio programs for the selected channel, “HD1” appears on the display. “HD” is displayed if there is only one audio program.

HD Radio preset memory

1 Use the “HD Radio auto tuning” or “HD Radio manual tuning” operation to tune in the station to be preset in the memory.

2 Press **MEMORY**.

3 Press [**MEMORY BLOCK**] (**A to G**) or **SHIFT** to select the desired memory block (**A to G**).

4 Press **<PRESET>**, [**CHANNEL**] or [**NUMBER**] to select the desired preset channel (**1 to 8**).

5 Press **MEMORY** again.

- Store the station in the HD Radio preset memory.



- To preset other channels, repeat steps 2 to 5. A total of 56 broadcast stations can be preset — 8 stations (channels 1 to 8) in each of blocks A to G.

Recalling HD Radio preset stations

1 Press [**MEMORY BLOCK**] (**A to G**) or **SHIFT** to select the memory block.

2 Press **<PRESET>**, [**CHANNEL**] or [**NUMBER**] to select the desired preset channel.

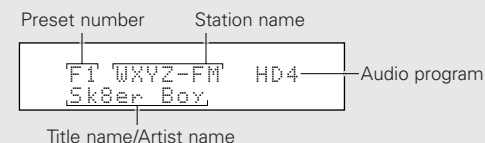
Operation

Switching HD information display

1 Use the procedure described at “HD Radio auto tuning”, “HD Radio manual tuning” or “Recalling HD Radio preset stations” to tune in a frequency with an HD Radio station.

2 Press **STATUS** to switch the HD Radio reception information.

① Normal display



② Function name display

HD RADIO

③ Frequency and Signal strength display

F1 FM107.90MHz
SIGNAL:6

④ Station name and Short / Long name display

WXYZ-FM
Non-Stop Music

⑤ Program and Program type display

HD1
Classical

⑥ Title name and Artist name display

Sk8er Boy
AVRIL LAVIGNE

⑦ Album name and Genre name display

Let Go
Classical

Specifications

HD Radio section

	[FM]	[AM]
	(note: μV at 75 Ω /ohms, 0 dBf = 1×10^{-16} W)	
Receiving Range:	87.5 MHz ~ 107.9 MHz	530 kHz ~ 1710 kHz
Usable Sensitivity:	1.0 μV (11.2 dBf)	18 μV
50 dB Quieting Sensitivity:	MONO: 1.6 μV (15.3 dBf) STEREO: 23 μV (38.5 dBf)	
Selectivity:	70 dB	
S/N (IHF-A):	MONO: 77 dB STEREO: 72 dB	
	HD: 80 dB	HD: 80 dB
Total Harmonic Distortion (at 1 kHz):	MONO: 0.15 % STEREO: 0.3 % HD: 0.005 %	HD: 0.01 %

ZONE remote control unit (RC-1066)

Batteries:	R03/AAA Type (Two batteries)
External dimensions:	54 (W) x 115 (H) x 23 (D) mm (2-1/8" x 4-17/32" x 29/32")
Mass:	80 g (Approx. 2.8 oz) (included batteries)

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



DENON

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