

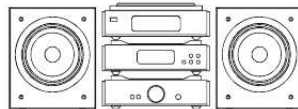


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You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI AX-M68D. You'll find the answers to all your questions on the HITACHI AX-M68D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HITACHI AX-M68D
User guide HITACHI AX-M68D
Operating instructions HITACHI AX-M68D
Instructions for use HITACHI AX-M68D
Instruction manual HITACHI AX-M68D

HITACHI
AX-M68D
Operating Instructions



HI-FI COMPONENT SYSTEM



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Manual abstract:

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. 3 Connecting the Speakers

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..... 4 Connecting Auxiliary Equipment .

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... 4 Connecting Control Cable ..

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..... 4 Connecting the AC Power Cord .

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..... 4 Installation of Batteries

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... 9 Adjusting the Super Bass

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. 9 Control the Loudness

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... 9 Preset Equalizer

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..... 9 Listening to Radio Broadcasts

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.... 10 DAB Radio

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16 Playing the Beginning of Each Selection

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17 Playing Repeatedly

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.... 17 Setting the Sleep Timer

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.. 1 7 Protecting the Disc

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.. 1 8 Troubleshooting ...

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..... 1 8 Specifications ...

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.. 1 9 Please note: Because DAB digital radio is a developing technology, station availability can change without notice. As new multiplexes and transmitters are turned on, new stations will begin transmitting and new post codes will be able to receive DAB digital radio. Conversely, some DAB radio stations may disappear without notice. -1- Important Cautions Thank you for purchasing this system. Please read these operating instructions before operating the unit. The operating instructions should be retained for future reference. For your safety This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit. This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. Caution: To prevent fire or shock hazard, do not expose this equipment to rain or moisture. **CLASS 1 LASER PRODUCT** Caution: This product uses a visible laser beam which could cause hazardous radiation exposure. Be sure to operate the player correctly as instructed.

-2- Precautions This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

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DO read the operating instructions before you attempt to use the equipment. DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections. DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment. DO be careful with glass panels or doors on equipment

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..... DON'T remove any fixed cover as this may expose dangerous voltages. DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc.

Overheating will cause damage and shorten the life of the equipment. DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment and don't handle the power cord with wet hands. DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires. @@@@.....

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..... @@@@ Remove the battery compartment cover. 2.

@@@@ Replace both batteries at the same time with new ones. * Don't use an old battery with a new one. * Don't use different types of batteries together. @@The display comes on. @@@@Caution: Be sure to unplug the system from the wall output when going out or when the system is not in use for an extended period of time.

-5- Control Locations ns are used to select new stations/services. - 10 - M Menu Button (DAB Mode) This button (on the unit and remote) is used to confirm new station/service selection. @@@@@@The following message is displayed on the screen for at least 2 seconds. If any ensembles are found during the full scan that lie outside the normal UK Band III range, then a persistent flag is set to indicate the fact, to ensure that even a short press of the Auto Tune button will initiate a full scan next time. Auto Tune Full Scan M INFO Button (Unit and Remote) If the INFO button is held down for more than 2 seconds, then this causes the advanced information display to be shown.

When the info button is clicked or held subsequently, then the info display returns to the start of the cycle. Pressing INFO once will give you the following option: M Program Type The bottom line displays the static PTY information centred (in the long name format, max. 16 characters). Planet Rock DAB Pop Music Pressing INFO twice will give you the following option: M Multiplex Name The bottom line displays the Ensemble/Multiplex name centred (in the long name format, max. 16 characters). Planet Rock DAB CE London - 12 - Pressing INFO three times will give you the following option: Signal Quality The bottom line displays a graphical representation of the signal quality of the ensemble currently being decoded and shows an indication of the minimum signal

quality necessary for successful decoding. Poor signal quality... Good signal quality.

.. Planet Rock DAB Planet Rock DAB The solid block is used to denote the point at which signal quality (hence audio quality) becomes acceptable. Below this point audio may still decode, but audio artefacts (first burbling, then muting) will be heard. This display will be continuously updated so that the user can use it to position the aerial to obtain the best reception. Pressing INFO four times will give you the following option: Time and Date The bottom line displays the time and the date in the following format. Planet Rock DAB 17:23 06.08.2003 FM Radio Power on If the tuner was last used in FM mode, then the tuner will start up in that mode. Switching to FM Radio This message will be displayed for 2 seconds.

- 13 - M System Reset If the Menu button is held down whilst the unit is powered on, then this is used to initiate a full system reset. The following message will be displayed for at least 3 seconds. System Reset M State Display (Tuned) When a user has tuned to a station, the station details are recorded in persistent storage so that if the radio is turned off and then on again, or an invalid preset or offair station is chosen, then the radio can revert to the last station. The standard tuned display is as follows Classic FM Currently Playing The FM in the top left corner, indicates that the radio is in FM mode. M AutoTune Button This button (on the remote) activates the Auto Tune function which searches for the next available FM station.

M Menu Button This button is used to enter the receiver configuration mode, AUTO or MONO. (AUTO will select STEREO if available). M Select Up/Down Buttons (SEL-/SEL+) These buttons are used to manually select new stations.



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M Storing Stations on Preset Buttons 0-9 If a preset button is pressed and held for at least 2 seconds, then that assigns the current station to the selected preset (in this example preset 4 is selected). 92.

6MHz FM Preset 04 Stored After 3 seconds the display reverts to the current display mode. 92.6MHz FM The bottom line of the display will show transmitted text if the station chosen transmits RTS. - 14 - Recalling Station If a preset button is pressed and released, then that initiates tuning to the station previously stored under that preset. If no preset has previously been stored then the following message is displayed for 3 seconds... FM Preset 01 Empty Then reverts to the current station display 92.6MHz FM Scan Pressing AUTO, scans up the frequency until a transmission is detected. Pressing and holding the AUTO button for one second or more scans down the frequency until a transmission is detected.

Signal Quality The bottom line displays a graphical representation of the signal quality of the station currently being demodulated. Poor signal quality... Classic FM Good signal quality... Classic FM This display will be continuously updated so that the user can use it to position the aerial to obtain the best reception. Time and Date The bottom line displays the time and the date in the following format (requires RTS transmission). Classic FM 17:23 06.

08.2003 - 15 - CD Operation CD Playing 1. Press the function button (FUNCTION) on the amplifier or CD function button (CD) on the remote control to select CD function. 2. Press the open/close button to open the disc door and place the disc on the disc tray (with the printed side up). 3. Press the open/close button to close the disc door, the unit will read the disc and play it automatically. 4. Press the play/pause button to pause the playing, press the button again, it will be continue to play. 5.

Press the stop button to stop the disc play. Direct Select track Load a disc, upon finishing reading the disc, you can select tracks by using number buttons (0/10,19,10+) on the remote control and play. If the song number is less than 10, press the number buttons 1-9. @@@@Program Play 1. 2. 3. 4. 5. 6. Insert a disc and press STOP when it starts playing.

Press the PROGRAM button (PRG.). Press the NUMBER button (0/10, 1-9, +10) on the remote control to select the desired track number. Repeat steps 2 and 3 until all required tracks are selected. Press the PLAY/PAUSE button to start programme play. Press the STOP button to stop the programme play. Press twice to clear program. Random Play You can have the selections or CD played in a random order. Random play begins from the stop position by pressing the random button (RANM) on the remote control. - 16 - Playing the Beginning (Intro) of each Track Press the INTRO button (INTR) on the remote control to play the beginning of each track consecutively.

The playing time of each track is 10 seconds. Playing Repeatedly ONE and ALL repeat play can be set by pressing the repeat button (REP.). First press : To repeat the same track over and over again. Second press : To repeat all tracks on a disc and then play them again and again.

Third press : To cancel the repeat playing. Setting the Sleep Timer Use the sleep timer to turn the system off after a certain number of minutes when it is playing. By setting the sleep timer, you can fall asleep to music and know that your system will turn off by itself rather than play all night. 1. Play a disc or tune-in to your desired radio station.

2. Each time you press the sleep button (SLEEP) on the unit it will change the number of minutes shown in the display in this sequence: --, 10minutes, 20 minutes.....

.....80 minutes, 90 minutes, -00 (OFF) After setting the number of minutes for the sleep timer, the display will return to the display as before setting the sleep timer, except SLEEP is now shown in the display. The system is now set to turn off after the number of minutes you set. M To confirm the sleep time When the sleep button (SLEEP) on the unit is pressed, the remaining sleep time is displayed.

Wait for a few seconds until the display returns to the original display. M To cancel the sleep timer setting Repeatedly press the sleep button (SLEEP) on the until -00 (OFF) is shown on in the display. Turning off the system also cancels the sleep timer. - 17 - Protecting the Disc 1. To keep the disc clean, please don't touch the disc's surface when you are holding it.

You should hold the edge. (See fig. 1) 2. If the disc is dirty, it will affect the sound quality. Please use a clean, soft cloth to wipe the disc from the centre to the edge (see fig.

2). (Don't wipe the disc around the outside using a circular motion.) Fig.1 Fig.2 3. 4. 5. 6. 7. Don't stick paper on the disc.

Don't place the disc in direct sunshine or heat. After the disc is played, please store carefully. Don't stack together, this can cause the disc to twist. Don't play discs with flaws in case you damage the player. Never use benzene, thinners, record cleaner fluid or anti static spray. Troubleshooting If you are having a problem with your system, check this list for a possible solution before calling for service. If you cannot solve the problem from the hints given here, or the system has been physically damaged, call a qualified person, such as your dealer, for service. Symptom No sound is heard Poor radio reception Possible Cause Connections are incorrect, or loose The antenna is disconnected The antenna is not properly extended and positioned The disc is dirty or scratched

The disc is upside down The path between the remote control and the sensor on the player is blocked The batteries have lost their charge The built-in microprocessor has malfunctioned due to external electrical interference Action Check all connections and make corrections Reconnect the antenna securely Extend antenna to the best reception position Clean or replace the disc Put the disc in with the label side up Remove the obstruction The disc skips The disc does not play Unable to operate the remote control Operations are disabled Replace the batteries Unplug the system then plug it back in - 18 - Specifications

System Specification Power Requirements DAB Frequency Range (band III) Usable Sensitivity FM Frequency Range Power Consumption Rated Output Power THD Dimensions : : : : : ~230V/50Hz 174.928 - 239.200 MHz 95 dBm 87.

5-108 MHz 80W 25W × 2 0.7% (15W x 2) (CD) 192(W) × 71(H) × 228.5(D) mm (DAB) 192(W) × 64.5(H) × 233(D) mm (Amplifier) 192(W) × 64.5(H) × 233(D) mm 8 30W 128(W) × 158(H) × 192(D) mm Speaker Specifications Impedance Max.

Input Power Dimensions Accessories Aerial

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... 1 Speaker cables ..

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..... 2 Power control cable ...

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. 1 Remote control

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... 1 Operating Instructions ..

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