USER'S MANUAL

XDMAR6720BT
(Bluetooth Module)

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Bluetooth® Operation

Pairing a Device

Preparation	Before you can use a Bluetooth device, it must be paired and connected. Make sure that Bluetooth is activated on your device before you begin the pairing process.
Pairing a New Device	The XDMAR6720 broadcasts the pairing signal constantly when no devices are currently connected. Complete the pairing sequence from your Bluetooth device. Refer to the owner's manual for your device for more details. **The device name is "XDMAR6720"** **The Bluetooth passcode "1234"** **Note**: The XDMAR6720 can be in any mode of operation when pairing is performed.
Pairing Additional Devices	If a device is currently connected, press and hold 📞 to disconnect the current device before a new device can be paired. Then begin the pairing sequence from the new Bluetooth device.

Connecting a Paired Device

Most Bluetooth devices support the auto-connect feature, and will connect automatically if the device is in range when the XDMAR6720 is powered-on. If your device was previously paired but does not connect, use these instructions below.

• If your most recently connected Bluetooth device becomes disconnected or does not reconnect, press 📞 from Bluetooth mode to reconnect your mobile device.

• To connect a previously paired device that was not recently connected:
  1) If applicable, press and hold 📞 to disconnect any connected mobile devices.
  2) From Bluetooth mode, press **SELECT**. "Paired Devices" will appear on the LCD.
  3) Turn the volume knob to cycle through the list of devices 1 through 10.
  4) Press **SELECT** or 📞 to connect to the desired device. It must be in range to connect.

Note: If the **Auto Connect** setup menu setting is set to **OFF**, you must press 📞 to connect you device after pairing, and each time the XDMAR6720 is powered-on.

Disconnecting a Device

Press and hold 📞 for 3 seconds to disconnect a connected device. The device will remain paired and appear in the PAIRED DEVICES menu, but not be connected.

Bluetooth® Operation

Making a Phone Call

Manual Dialing	• Press 📞 once. "Enter Number" will be shown, then an "_" will appear on the display. • Using the remote control, enter the phone number using the 0-9 buttons. Press 📞 on the remote control or XDMAR6720 front panel to begin dialing. **Note**: Placing a phone call from your cell phone will also use the Bluetooth function of the XDMAR6720.
Recent Calls List	• Press 📞 twice from Bluetooth mode to view the 10 most recent phone calls that were dialed, received or missed while connected to the XDMAR6720. • Turn the volume knob to cycle through the recent phone numbers. Press SELECT or 📞 to dial the phone number.
Redialing the last number	To redial the last phone number, press 📞 three times from Bluetooth mode. Dialing will begin automatically.
Phonebook Menu*	The XDMAR6720 supports the PBAP Bluetooth profile to temporarily download the phonebook of the cell phone.

Note: The contents of the phonebook are deleted each time a cell phone is disconnected, and not permamently saved.

- Press **SELECT** from Bluetooth mode, with a compatible cell phone connected. "Phonebook Contacts" will appear on the LCD, followed by names from your downloaded phonebook.

- Turn the **volume knob** left/right to cycle through the names in the phonebook. Only names with valid phone numbers are displayed in the list. Press ◀◀/▶▶ to skip quickly through the contact list.

- Press **SELECT** when the desired name is displayed. A list of CELL, HOME, WORK, and OTHER phone number types will be shown.

- Turn the **volume knob** or press ◀◀/▶▶ to cycle between the phone number types.

- Press **SELECT** or ➘ when a phone number is displayed to begin dialing the number.

*The Bluetooth phone must support the PBAP Bluetooth profile to enable the phonebook feature. Check the owner's manual of your phone for details.

Bluetooth® Operation

Receiving and Ending Phone Calls

Receiving a Phone Call	Incoming phone calls will automatically appear on the display and a ring tone will be heard.
	Note: The volume of the ring tone depends on the volume level of the XDMAR6720. The incoming ring tone may not be heard if the volume is set to a low level or mute is activated.
	• Press 📞 to receive the incoming phone call. • Press 📞 to refuse the incoming phone call.
	Note: If **Auto Answer** is set to **ON** in the setup menu, all phone calls will be received automatically.
Ending a Phone Call	During an active phone call, press 📞 to end a phone call. If the phone call was received when listening to music in another mode, the XDMAR6720 will resume the previous mode.

During a Phone Call

Volume	Turn the **volume knob** to adjust the volume level during a phone call. Bluetooth mode has a separate volume level from the main volume of other modes. The XDMAR6720 will remember the volume level in Bluetooth mode and always return to the last volume level for each phone call.
Microphone Mute	Press **MUTE** during a phone call to turn the XDMAR6720's external microphone off. Press **MUTE** again to resume microphone operation.
Audio Transfer	Press **DISPLAY** during a phone call to transfer the call from the XDMAR6720 to the cell phone. Press **DISPLAY** again to toggle the audio back to the XDMAR6720.
Call Waiting	During a phone call, if there is a second incoming call, press ◝ to place the first call on hold and switch to the second phone call. Press ◝ again to switch back to the first call.
Call Hold	During a phone call, when there are no additional incoming calls, press ◝ to place the call on hold. Press ◝ again to resume the phone call.

Note: Audio transfer, call waiting and call hold must be supported by the mobile phone and service provider to function properly.

Bluetooth® Operation

Streaming Audio Operation

The XDMAR6720 supports A2DP (advanced audio distribution profile) wireless streaming audio from your Bluetooth mobile device directly to your head unit. You can also control your music from the front panel of the head unit using AVRCP (audio video remote control profile).

Notes:
- To stream music to your head unit, your mobile device must support the A2DP and AVRCP Bluetooth profiles. Check the owner's manual of your mobile device for details.

- Streaming audio must be enabled from your mobile device. This option will vary depending on the device. Some devices allow streaming audio to be disabled.

After pairing, connecting and enabling streaming audio from a compatible mobile device, begin playing music using the music player on your mobile device. Once the music is playing, the following functions can be used to control the music:

- The ▶▶ button will skip to the next available audio track.
- The ◀◀ button will skip to the previous audio track.
- The ▶/❙❙ button will toggle between play and pause during playback.
- The ☎ button will stop the audio playback.

Note: Some Bluetooth devices may not fully support these commands.

Bluetooth Reset

Resetting the Bluetooth module will remove the list of paired phones and delete the list of recent calls from memory.

To reset Bluetooth, perform the following steps:
1) Press **SOURCE** until the head unit is in Bluetooth mode.
2) Press and hold **MENU** for 3 seconds to reset the Bluetooth settings back to the factory default.

Compatibility Note:

Due to the differences in Bluetooth technology, some mobile devices may be incompatible, function improperly or may not support all features when used with the XDMAR6720.

Specifications

XDMAR6720BT

Frequency Range	**2 402 ~ 2 480 MHz**
Modulation Method	**FHSS (Frequency Hopping Spread Spectrum)**
Antenna	**Chips Antenna**
The Number of Channel	**79 Channels**
Input Voltage	**DC 3.3V, 50 mAh**
Operating Temperature Range	**0 ~ +40 °C**
Modulation Type	**8-DPSK**
Communication Mode	**Duplex**

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XDMAR6720BT

Update Port

| CSB | MISO | CLK | MOSI | GND | VCC |
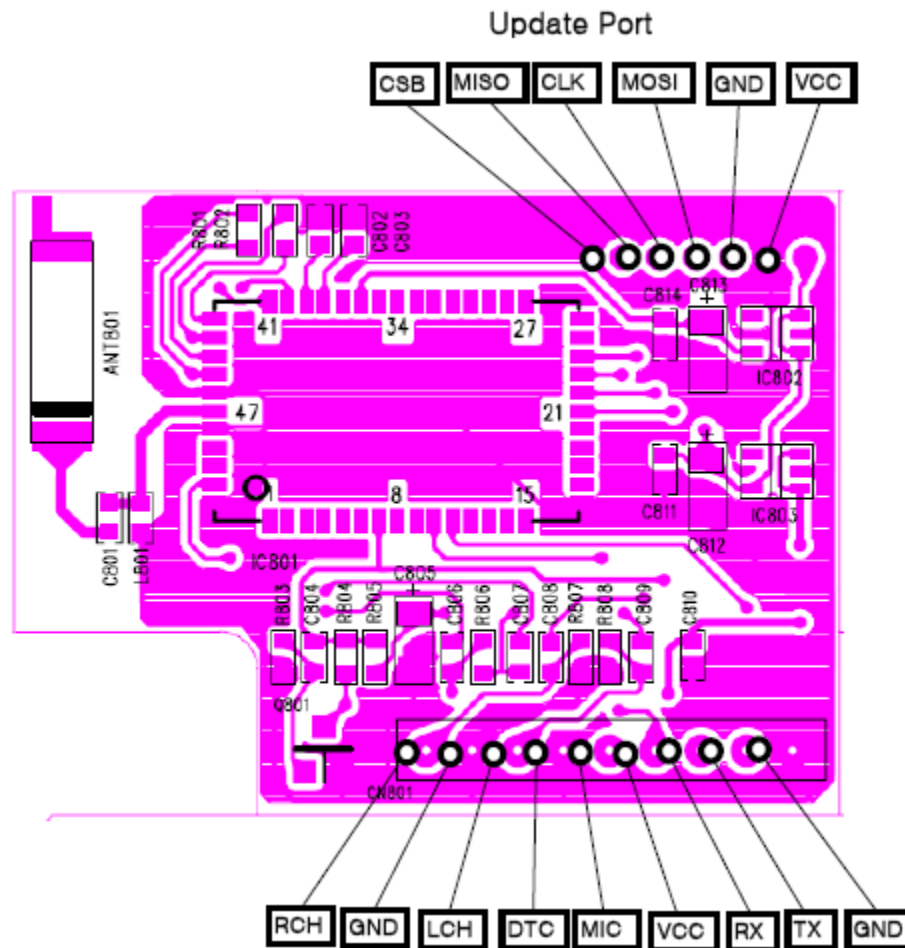
Installing the XDMAR6720BT

1. RCH ———— Audio R channel
2. GND ———— GROUND
3. LCH ———— Audio L channel
4. DTC ———— Bluetooth Detect
5. MIC ———— MIC Input
6. VCC ———— VCC +3.3V
7. RX ———— UART RX
8. TX ———— UART TX
9. GND ———— GROUND

| RCH | GND | LCH | DTC | MIC | VCC | RX | TX | GND |

XDMAR6720BT

FCC RF INTERFERENCE STATEMENT

FCCID : GJWXDMAR6720BT

NOTE :

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.   In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.
-    Reorient or relocate the receiving antenna.
-    Increase the separation between the equipment and receiver.
-   Connect the equipment into an outlet on a circuit different from that
     to which the receiver is connected.
-    Consult the dealer or an experienced radio, TV technical for help.
-    Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly
approved by the grantee or manufacturer could void the users authority to operate such equipment