Grandstream Networks, Inc.

GXP2130v2/GXP2140/GXP2160/GXP2135/GXP2170

Bluetooth User Guide

GXP2130v2/2140/2160/2135/2170 Bluetooth User Guide

Table of Content

OVERVIEW 4

BASIC FUNCTIONS 5

TURN BLUETOOTH ON OR OFF 6
CHANGE GXP2130v2/2140/2160/2135/2170 BLUETOOTH NAME 6
PAIRING TO A BLUETOOTH DEVICE 6
CONNECTING TO A BLUETOOTH DEVICE 7
UNPAIRING AND DISCONNECTING A BLUETOOTH DEVICE 8

USE BLUETOOTH HEADSET 8

BT ON AND BT OFF 8

HANDSFREE MODE 10

TURN ON/OFF HANDS FREE MODE 10
CONNECT TO HANDS FREE DEVICE 11
USE BLUETOOTH PHONEBOOK 12
INITIATE A CALL WITH HANDS FREE MODE 13

Table of Tables

GXP2130v2/2140/2160/2135/2170 Bluetooth User Guide

Table 1: Bluetooth Configuration 5

Table of Figures

GXP2130v2/2140/2160/2135/2170 Bluetooth User Guide

Figure 1: Bluetooth Configuration 5
Figure 2: Scan Bluetooth Device 7
Figure 3: Pairing to Bluetooth Device 7
Figure 4: Bluetooth Device Connected 8
Figure 5: Disconnect Bluetooth Device 8
Figure 6: BT is OFF 9
Figure 7: BT is ON 9
Figure 8: Turn On Hands Free Mode 10
Figure 9: Hand Free Enabled 11
Figure 10: Hands Free Account Connected 11
Figure 11: Bluetooth Phonebook 12
Figure 12: Search under Bluetooth Phonebook 12
Figure 13: Hands Free Call Screen 13

OVERVIEW

Bluetooth is a proprietary, open wireless technology standard for exchanging data over short distances from fixed and mobile devices, creating personal area networks with high levels of security. GXP2130v2/2140/2160/2135/2170 supports Bluetooth Class 2 of version 2.1. On GXP color phones, users could connect to mobile phones (which support Bluetooth function) via hands free mode, or use Bluetooth headset to answer calls.

This document serves as an end user guide on how to use Bluetooth headset and hands free mode on GXP2130v2/2140/2160/2135/2170.

Please ensure your GXP2130v2/2140/2160/2135/2170 is on the latest firmware release:
http://www.grandstream.com/support/firmware

Software release reference:

- The original GA 1.0.1.6 build only supports connecting to Bluetooth Headsets.
- The current Beta 1.0.5.29 supports both connecting to Bluetooth Headsets and Bluetooth Phones (one at a time).

BASIC FUNCTIONS

Bluetooth related settings are under GXP2130v2/2140/2160/2135/2170's LCD **Menu**->**System**->**Bluetooth.** To connect to a Bluetooth device, turn on GXP2130v2/2140/2160/2135/2170's Bluetooth power first. The first time when using a new Bluetooth device with GXP2130v2/2140/2160/2135/2170, "pair" the device with the phone so that both devices know how to connect securely to each other. After that, users could simply connect to a paired device. Turn off Bluetooth if it is not used.

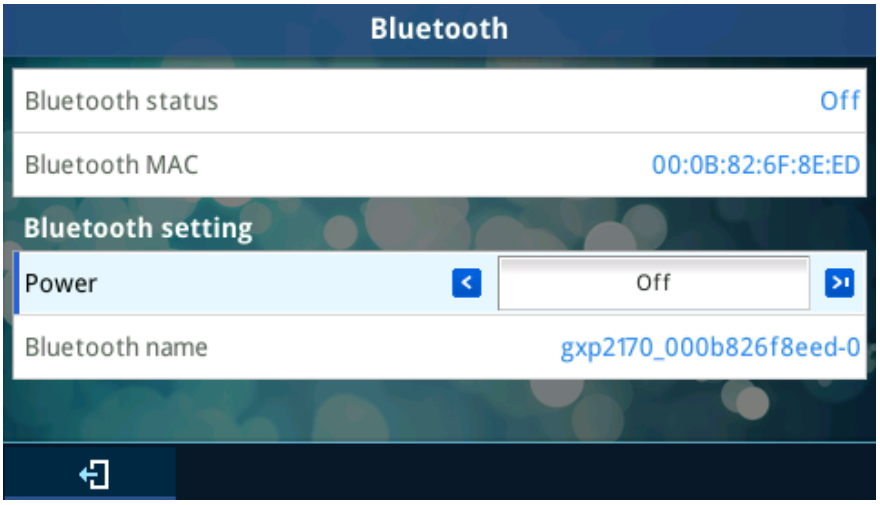

Figure 1: Bluetooth Configuration

Table 1: Bluetooth Configuration

System -> Bluetooth	
Bluetooth Status	Displays the status of Bluetooth. When Bluetooth power is on, the status is "Discoverable"; when Bluetooth power is off, the status is "Off".
Bluetooth MAC	Displays the GXP phone's MAC address
Power	Turns on/off Bluetooth.
Handsfree Mode	Enables/Disables Handsfree mode
Bluetooth Name	Defines the GXP2130v2/2140/2160/2135/2170 Bluetooth name.
Start Scan	Starts to scan other Bluetooth devices in range. If new device is found, user could press "Pair" soft key, and enter Pin code to pair to other Bluetooth devices.

TURN BLUETOOTH ON OR OFF

1. Go to GXP2130v2/2140/2160/2135/2170's **LCD MENU**->**System**->**Bluetooth**

2. Highlight **Power** option by pressing Up/Down arrow key

3. When the **Power** option is highlighted, pressing LEFT/RIGHT arrow key to turn on/off Bluetooth.

Note: While Bluetooth is turned on, GXP2130v2/2140/2160/2135/2170 is discoverable by other Bluetooth devices. To make the phone undiscoverable, user needs to turn off Bluetooth.

CHANGE GXP2130v2/2140/2160/2135/2170 BLUETOOTH NAME

Under Bluetooth Name option user can change the Bluetooth name of GXP2130v2/2140/2160/2135/2170. When discovered by other Bluetooth devices, GXP2130v2/2140/2160/2135/2170 will show the name configured in this option.

1. Go to GXP2130v2/2140/2160/2135/2170's **LCD MENU**->**System**->**Bluetooth**

2. Highlight **Bluetooth Name** option by pressing Up/Down arrow key

3. Enter the desired Bluetooth name from keypad.

PAIRING TO A BLUETOOTH DEVICE

Before connecting GXP2130v2/2140/2160/2135/2170 with other Bluetooth device, users must pair them first. Both devices will stay paired afterwards unless they are unpaired.

1. Go to GXP2130v2/2140/2160/2135/2170's **LCD MENU**->**System**->**Bluetooth**

2. Enter **Start Scan** option

3. GXP2130v2/2140/2160/2135/2170 scans and displays the Names of all available Bluetooth devices in range. See **Figure 2 Scan Bluetooth Device**.

   If the device you would like to pair with does not show up in the list, ensure that the device is turned on and set to be discoverable. If need, user could press “Clear” and “Rescan” soft keys to restart the scanning;

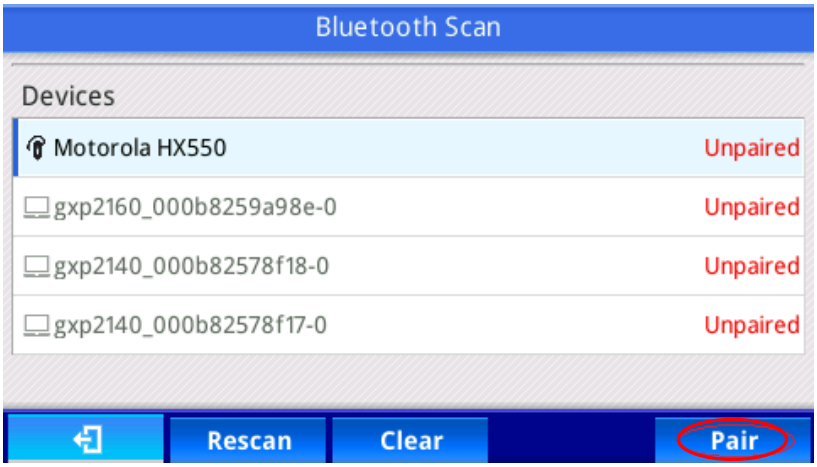

Figure 2: Scan Bluetooth Device

4. The discovered devices will show in the scan result list with device name. If it is not paired, it will show "Unpaired" behind the device name. Select the device name, and press “Pair” soft key to pair it. Then a window will prompt up. See **Figure 3 Pairing to Bluetooth Device.** User may input the Pin code in the window, and press “OK” soft key to start pairing.

   Note: Usually, the default Bluetooth headset Pin code is 0000.

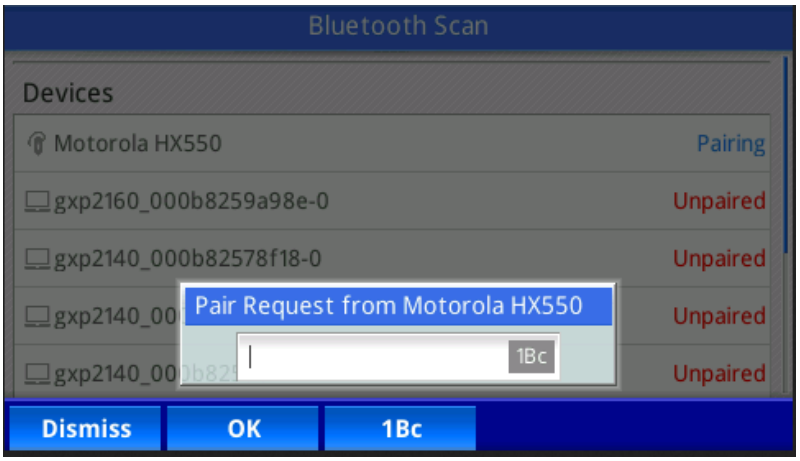

Figure 3: Pairing to Bluetooth Device

CONNECTING TO A BLUETOOTH DEVICE

After successfully paired, the GXP2130v2/2140/2160/2135/2170 will show "Paired" behind the Bluetooth device name in the scan list. Highlight the device name and press “Connect” soft key to connect.

Once connected, GXP2130v2/2140/2160/2135/2170 will show “Connected” behind the Bluetooth device

name in the scan list.

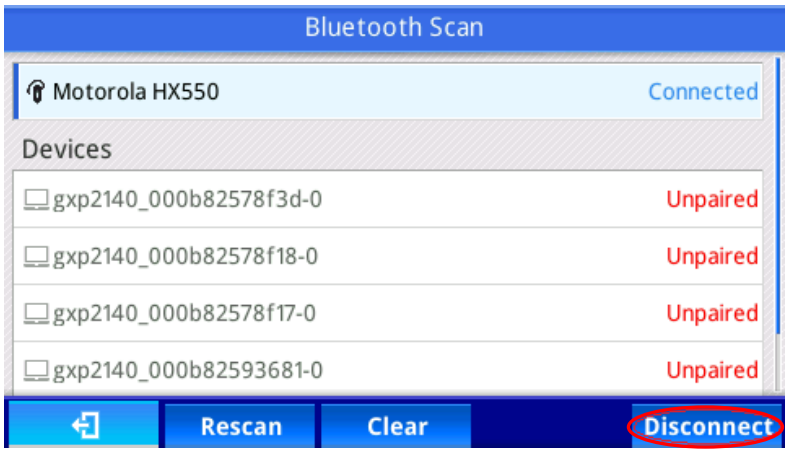

Figure 4: Bluetooth Device Connected

UNPAIRING AND DISCONNECTING A BLUETOOTH DEVICE

In the Bluetooth settings, highlight the Bluetooth device name and press “Disconnect”/”Unpair” soft key to disconnect/unpair the Bluetooth device.

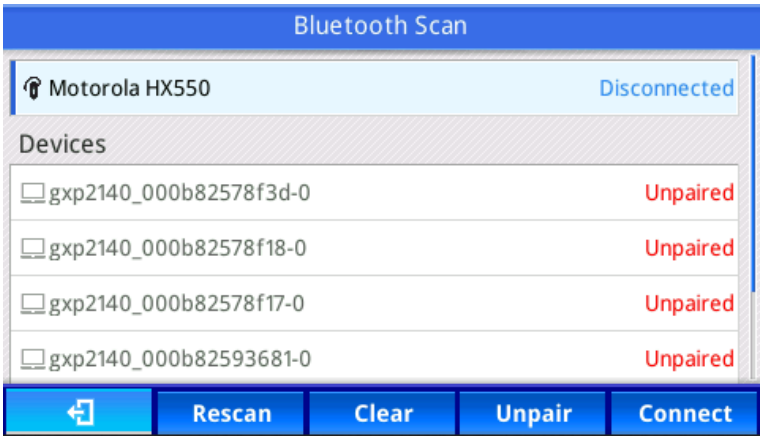

Figure 5: Disconnect Bluetooth Device

USE BLUETOOTH HEADSET

On GXP2130v2/2140/2160/2135/2170, user can answer/terminate incoming call from Bluetooth headset.

BT ON AND BT OFF

After Bluetooth headset is successfully connected, GXP2130v2/2140/2160/2135/2170 will show “BT On”

soft key on call screen. User may press it to active Bluetooth headset. See **Figure 6 BT is OFF**.

Figure 6: BT is OFF

When "BT Off" soft key shows up in call screen and the Bluetooth icon on status bar changes to be solid, it means the Bluetooth headset is ready to use. See **Figure 7 BT is ON.**

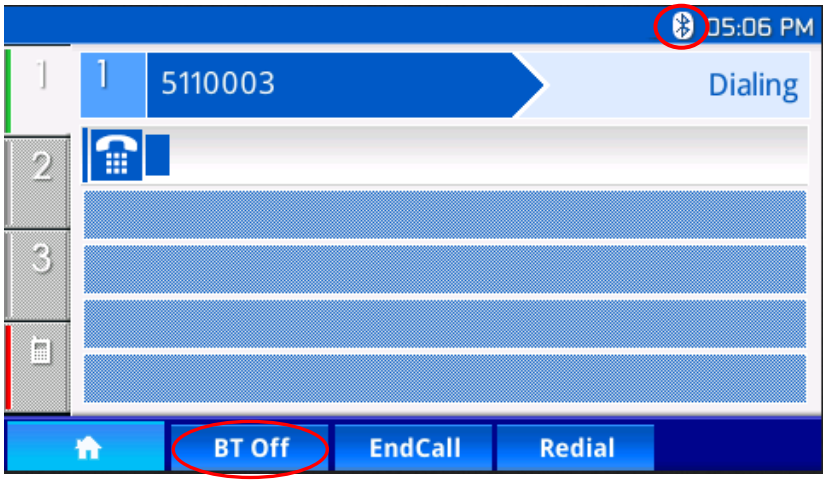

Figure 7: BT is ON

When BT is on, both Bluetooth headset and GXP2130v2/2140/2160/2135/2170 will alert for incoming calls. User may press the answer button on Bluetooth headset to answer the incoming call.

During an active call, user may switch the audio channel between Bluetooth headset and phone handset by pressing "BT Off"/"BT On" soft key.

HANDSFREE MODE

By connecting cell phone to GXP2130v2/2140/2160/2135/2170 phone via hands free mode, user can sync up cellphone phonebook to GXP phone and make calls on GXP phone via cell phone account. GXP2130v2/2140/2160/2135/2170 plays the role of Bluetooth headset in hands free mode.

NOTE: The cell phone is required to support Bluetooth function. GXP2130v2/2140/2160/2135/2170 can connect to at most one hands free device each time.

TURN ON/OFF HANDS FREE MODE

On GXP2130v2/2140/2160/2135/2170 keypad menu, go to **System** -> **Bluetooth** -> **Handsfree Mode**. Turn on/off Hands Free mode by pressing LEFT/RIGHT arrow key. See **Figure 8 Turn on Hands Free Mode.**

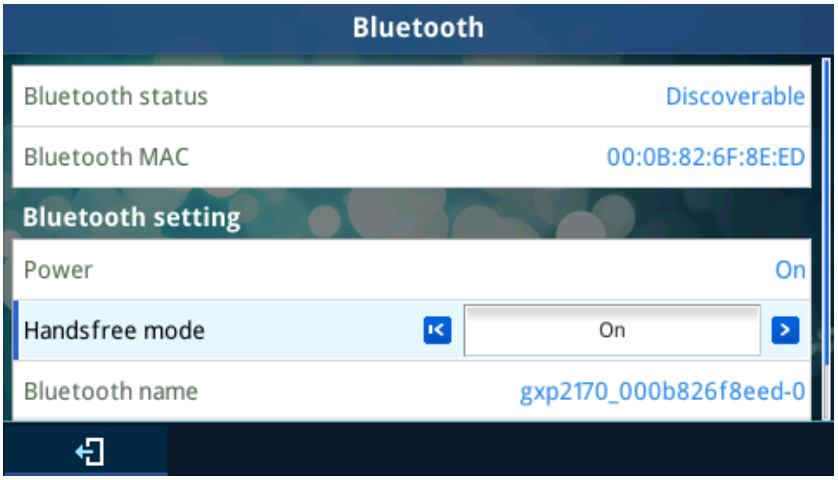

Figure 8: Turn On Hands Free Mode

When Hands Free mode is on, the Hands Free Account will show up on idle screen. See **Figure 9 Hands Free Enabled**. If no hands free device is connected, the account will be highlighted in red background on main screen.

Figure 9: Hand Free Enabled

CONNECT TO HANDS FREE DEVICE

The hands free account virtually maps to Line Key 3 for GXP2130v2; Line 4 for GXP2140/2135; or Line Key 6 for GXP2160/2170. Press hands free account line key. It will bring up Bluetooth scan page. In scan page, highlight the desired Bluetooth device from discovered list. Then, it will be paired and connected to the device. After connected successfully, the Hands Free Account will be highlighted in green background, and the Bluetooth icon will turn to solid. See **Figure 10 Hands Free Account Connected**. The Bluetooth icon is circled in red.

Figure 10: Hands Free Account Connected

USE BLUETOOTH PHONEBOOK

After hands free account is connected, the cell phone phonebook will be loaded to GXP2130v2/2140/2160/2135/2170.

1. Go to **LCD Menu –> Contacts** to see **Bluetooth Phonebook** option.

2. Press “Select” soft key to enter Bluetooth phonebook and see the connected cell phone’s contacts.

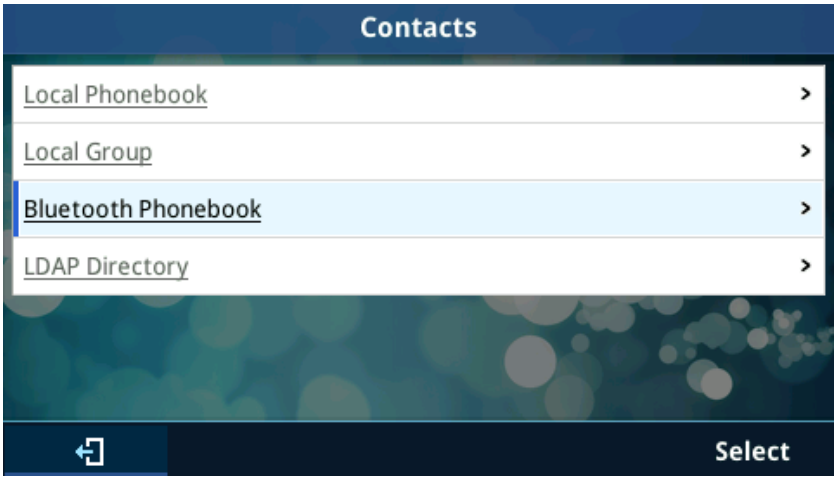

Figure 11: Bluetooth Phonebook

In Bluetooth phonebook, user can enter number digits to search contacts and phone will list the matching ones. The entered numbers will show in **Search** blank. See **Figure 12 Search under Bluetooth Phonebook**.

When one contact is highlighted, user can press round Menu button to check contact details.

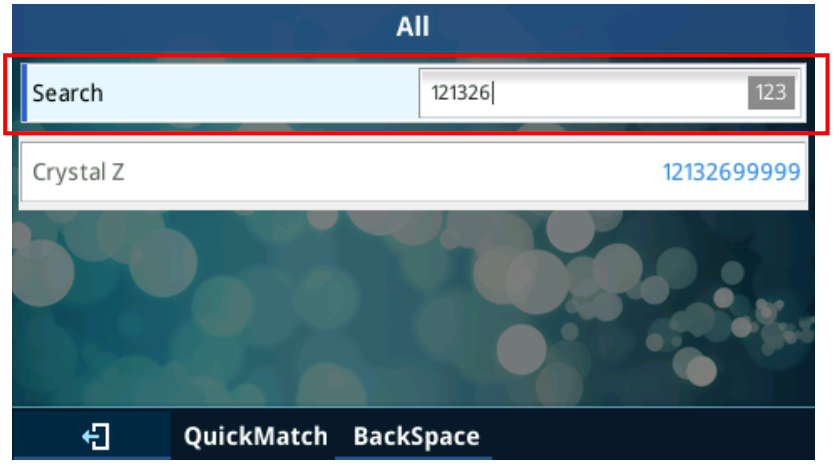

Figure 12: Search under Bluetooth Phonebook

INITIATE A CALL WITH HANDS FREE MODE

When one contact entry is highlighted, user can make a call to it by pressing “SEND” button. The call will be initiated from hands free account (user’s cell phone).

On idle screen, when the hands free account is connected, pressing the last Line Key will bring up call screen (Line Key 3 for GXP2130v2; Line 4 for GXP2140/2135; Line Key 6 for GXP2160/2170). User can enter the destination number from key pad followed by “SEND” button to dial out.

Figure 13: Hands Free Call Screen