

## **Introduction**

**E-Lead EL-HA1** is a small, high performance, and highly stable product. Provides simple & convenient hands-free operation to eliminate the distraction mobile phone communication.

### **I. Attention**

We strongly recommend using the following mobile handsets. The listed handsets already passed our highly standard function and audio clearance test. Product supplier is not responsible for fault communication if the service provider's signal is too weak.

### **II. Accessory**

#### **1. EL-HA1 mainframe**



#### **2. Connect cable**



### **III. Product Feature**

1. EL-HA1 support both Headset and Hands-Free Bluetooth Profile up to 3 devices for pairing at the same time.

**2. Stereo auto switch mute/on:**

EL-HA1 will automatically mute the stereo during incoming calls and switch to audio phone; and auto switch back when the call ends.

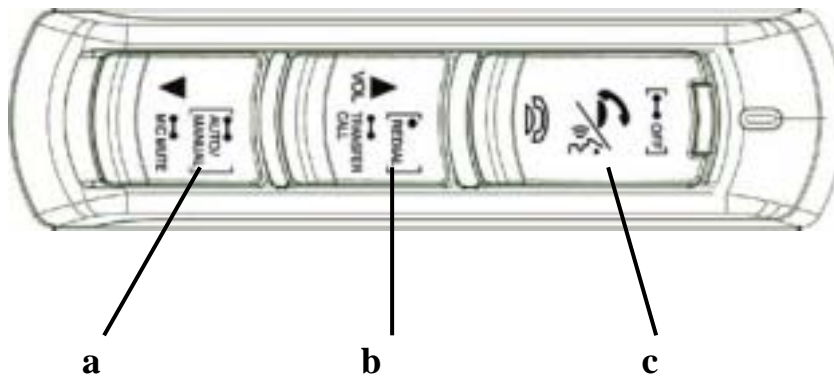
**3. Red/Blue status indicator, Yellow-Green backlight:**

Different light colors indicate incoming/talking/pairing/error status; permanent backlight for the clear sight of the keypad.

**4. Pick /Hang up, Volume up/down function key:**


Combination of three function keys enable multifunction control including: Volume Control, Mute, Call Transfer, Enable/Disable Bluetooth, Auto search/link to pair handsets, Last number redial (Hands-Free Profile Only), Voice dial, Auto/Manual /Refuse answering.

**IV. Function Key**










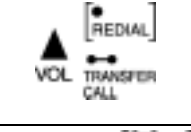





**Basic Functions:**

a .  : **Volume down**

b .  : **Volume up**

c .  : **Pick up an incoming call, Hang up a call**

### Advanced Functions:

Function	Key Combination	Function Key	Others
<b>Manually search paired device</b>	Press “Pick Up”		Not linked with handsets
<b>Voice dial activation</b>	Press “Pick Up”		After linked with handsets, Handsets must support voice dial function
<b>Terminate all connection</b>	Press & hold “OFF” 2secs		Only available when not in communicating
<b>Pick up incoming call</b>	Press “Pick Up”		
<b>Hang up a call</b>	Press “Hang Up”		
<b>Refuse incoming call</b>	Quick Press “Hang Up” twice		Handsets must support Bluetooth Hands-Free Profile
<b>Redial</b>	Quick Press “REDIAL” and then ”Pick Up”		Only available when not in communicating
<b>Transfer to Handset/HF during the call</b>	Press & hold “TRANSFER CALL” 2 sec		On Calling, Handsets must support Bluetooth Hands-Free Profile
<b>Enter pairing mode</b>	Press both “Volume Up” & “Volume Down”		
<b>Toggle Auto/Manual answering mode</b>	Press & hold “AUTO/MANUAL” 2sec		
<b>Toggle Microphone Mute/Normal mode</b>	Press & hold “MIC MUTE” 2sec		On Calling
<b>Volume Up</b>	Press “Volume Up”		On Calling
<b>Volume Up/Down</b>	Press “Volume Down”		On Calling

## V. Application

1. A Bluetooth handset is required.
2. Up to 10 meters talking range (No barrier space). The further the distance, the weaker the signal is.

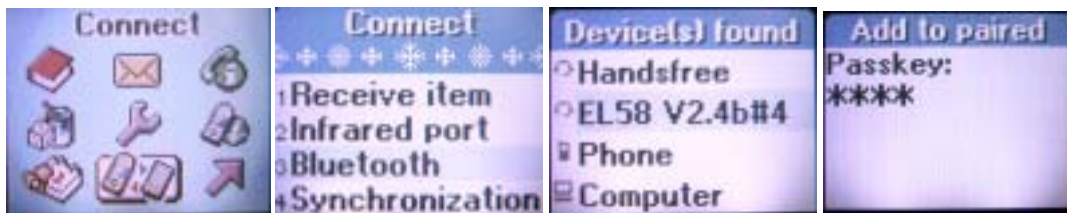
## VI. Recommended pairing sequence and handset devices

Please note that different handsets may require different Bluetooth pairing process. Here we list pairing examples with 8 handsets:  
For more successful pairing, please delete other old paired device before action.

### 1. Ericsson T68/T68i

Updating handset to latest R8A version is recommended. (T68)

Please make sure the Hands-free device is on top of handsets pairing list.



1. Select [Connect]
2. Select [Bluetooth]
3. Searching for device
4. Pairing hands-free , then Enter Passkey : 0000

SonyEricsson Bluetooth handset need to set the car mode to advanced to keep bluetooth device connected.

### 1. Nokia 6310/6310i/8910

Nokia user can set handset to [no authorization required] for next time use and pass the PIN code verification.



1. Activate Bluetooth searching for devices,
2. Pairing—select hands-free device , Enter PIN code [0000]
3. Pairing succeed.

### 2. Motorola A760

Please make sure the Hands-free device is on top of handsets pairing list.

Transferring the call to hands-free device is required if dial out from handset.

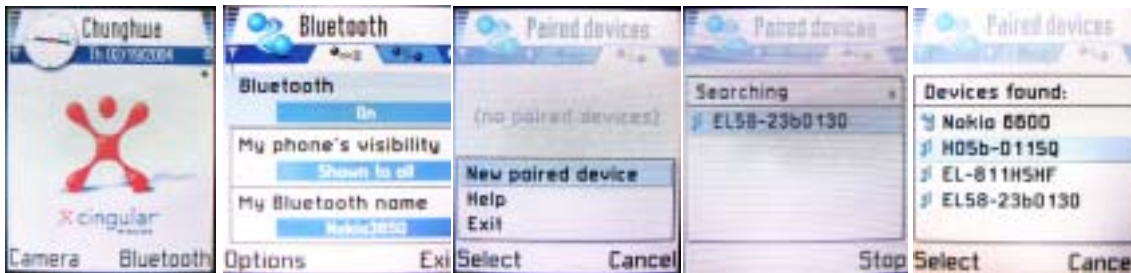


1. Select controlpanel\Bluetooth
2. Select device
3. Searching for device
4. Select device
5. Enter pass key (0000)

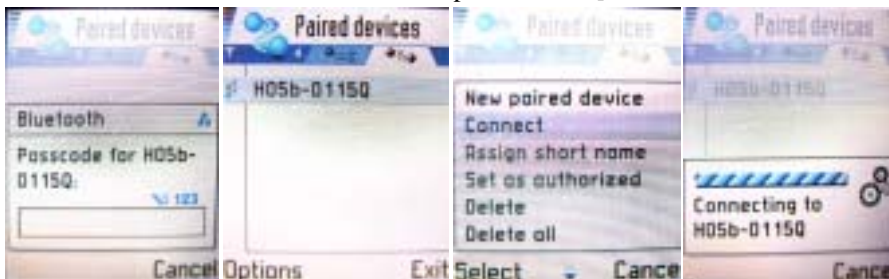


6. Pairing succeed

#### 4. NOKIA 3650



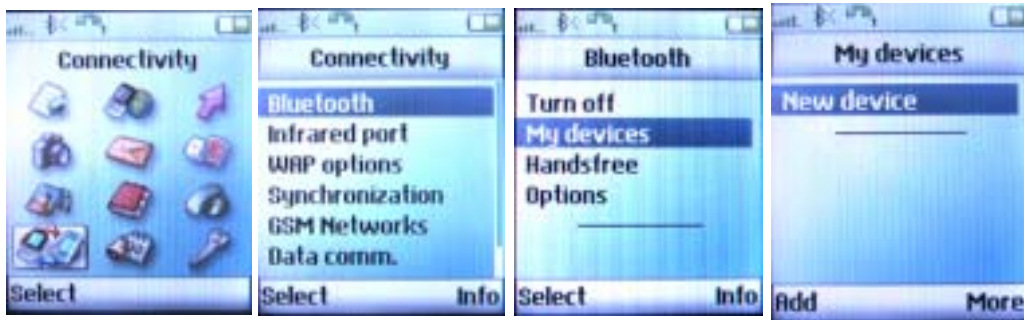
1. Enter Bluetooth selection
2. Set Bluetooth On
3. Press right function key to enter pairing device list., Press left function key to select [New paired device]
4. Searching for
5. Select device [H05b-0115Q]



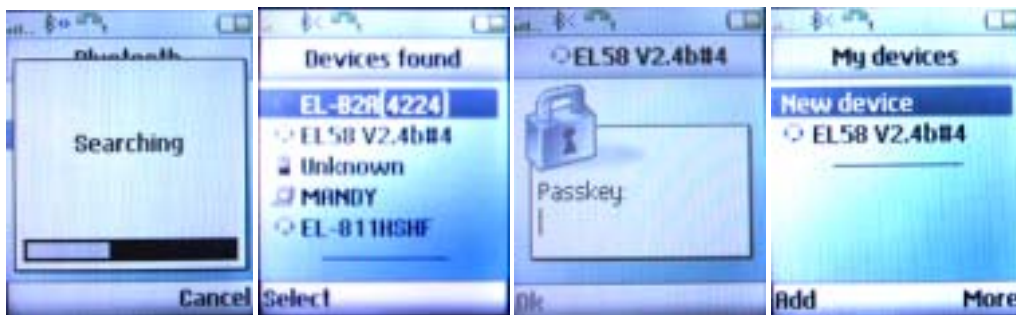
6. Enter Passcode (0000)
7. Pairing succeed
8. Select [Connect]
9. Connecting with device



## 5. Sony Ericsson Z600/T610

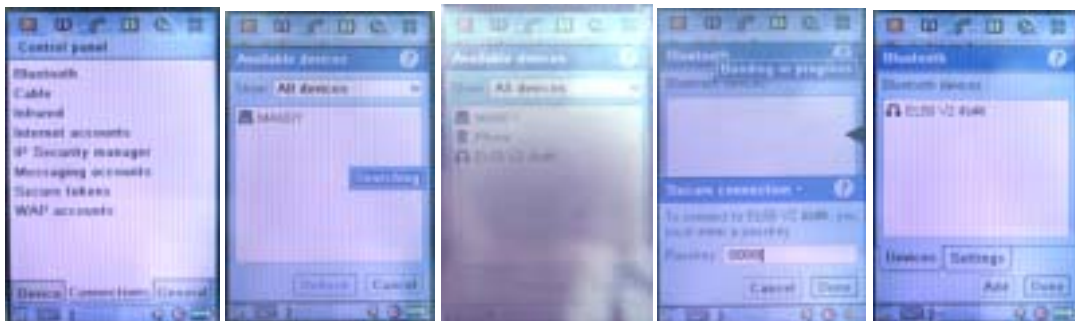


1. Select [Connectivity]
2. Select Bluetooth
3. Select [My devices]
4. Select [New device]



5. Searching for device
6. Select device
7. Enter Passkey: 0000
8. Pairing succeed

## 6. Sony Ericsson P800

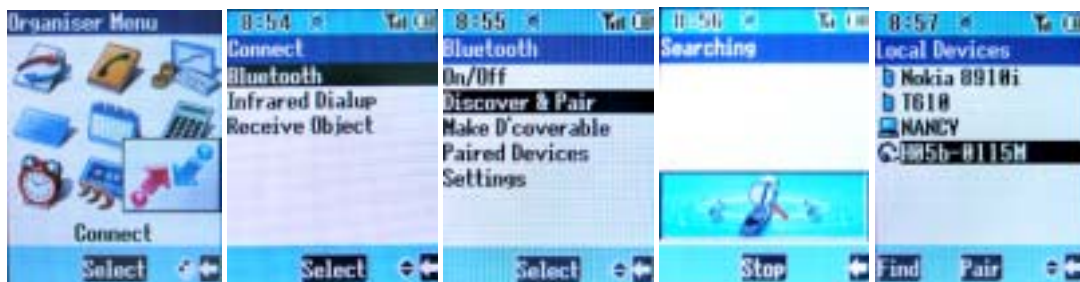


1. Select [Control panel\Bluetooth]
2. Searching for Bluetooth device
3. Select Bluetooth device for pairing
4. Enter Passkey: 0000
5. Pairing succeed

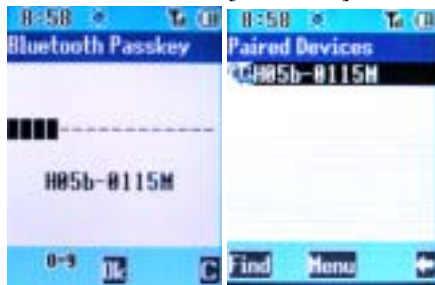
## 7. Panasonic X70/X88

Please make sure the Hands-free device is on top of handsets pairing list.

Transferring the call to hands-free device is required if dial out from handset.



1. Select [Connect]
2. Select [Bluetooth]
3. Select [Discover & Pair]
4. Searching for Bluetooth device
5. Select Bluetooth device for pairing



6. Enter Passkey : 0000
7. Pairing succeed

## 8. SIMENS S55



1. Enter Menu\Setup
2. Select [Connectivity]
3. Activate [Bluetooth]
4. Select [Search for...] and enter [Options] to search device



5. Select Bluetooth device [H05b-0115]
6. Enter PIN code [0000]
7. Pairing succeed.

### Attention:

**Differences may occur in different Bluetooth phones. Please check phone owner's manual for correct pairing.**

## VII. Supported Mobile Phone List

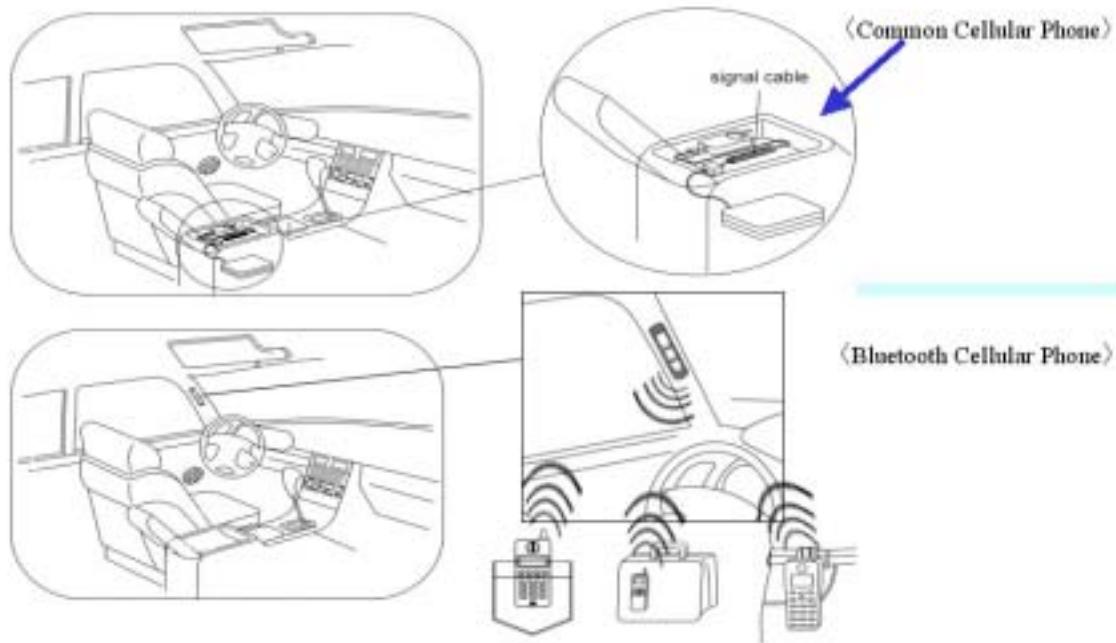
Last updated:	(Tested phone)	Answer call	Reject incoming call	Microphone mute	Remote volume control	Transfer call(HF->AG)	Terminate call	VR activation	Last number redial
2004/02/24									
SonyEricsson									
	Z600, Z608	Z600	O	O	O	O	O	O	O
	T610, T618, T628, T630	T610	O	O	O	O	O	O	O
	P80x	P800	O	X	O	X	O	X	X
	T68i	T68i	O	O	O	O	O	O	O
NOKIA									
	6600	6600	O	O	O	O	O	O	O
	8910i	8910i	O	O	O	O	O	O	O
	3650, 3660	3650	O	O	O	O	O	O	O
	8910	8910	O	O	O	O	O	O	O
	6310i	6310i	O	O	O	O	O	O	O

	6310	6310	O	O	O	O	O	O	O	O
SIEMENS										
	S55, S56	S55	O	O	O	O	O	O	O	O
Panasonic										
	X70, X88	X70	O	O	O	O	O	O	O	O
Motorola										
	A760, A768	A760	O	X	O	O	X	O	X	X

**Attention:**

**Above Bluetooth phones are tested by E-Lead. Please check phone owner’s manual for correct pairing if not on the list.**

**VIII. Description of application environment**



1. Wired signal has higher priority than Bluetooth function, which will shut off automatically when wired.
2. Users must register for successful pairing for the first time use.
3. Users can enjoy Bluetooth wireless after pairing.
4. System will be off when the vehicle shuts down. If the vehicle still running, users will not be able to use Bluetooth wireless when user is out of the cover range. Also, the handset will be back to normal mode and hands-free will search for another pairing device automatically. Search/Pairing will stop if no devices available after 3 minutes. To initiate Search/Pair, please press “Pick Up”.

Please power the mobile device before vehicle starts up.



## IX. Trouble Shooting

### Frequent ask questions and trouble shooting

Situation	Possible cause	Solution
Key pad not responding; no back light illumination	Power is off  Loose connection or bad cable	Turn the car key to ACC position or ignition. Please contact local HONDA maintenance.
Pairing failure on handset display	Incorrect PIN code  Others	Pair the handset again and make sure the PIN code is correct. Pair the handset again.
Handset can not find the Bluetooth Hands-free device	Bluetooth device does not enter the pairing mode. Pairing time out  Others	Follow the pairing procedure in the owner ' s manual and pair again. Follow the pairing procedure in the owner ' s manual and pair again. Reboot the handset and search for device again.
Phone calls do not transfer to Hands-Free after dialing	No pairing made or unsuccessful pairing.  Bluetooth device disabled.  Some handsets need to transfer phone calls to Hands-free manually. Others	Follow the pairing procedure in the owner ' s manual and pair again. Follow the owner ' s manual and activate Bluetooth. Please make sure all connections are correct. Please try again later.
Hands-free do not answer calls automatically	Hands-free is in MANUAL  Hands-free not pair with handset  Hands-free not link with handset  Others	Follow the owner ' s manual and switch to AUTO. Follow the pairing procedure in the owner ' s manual and pair again. Follow the pairing procedure in the owner ' s manual and link again. Please try again later.
No rings tone when incoming call	Handset is in vibrate (disturb) mode	Follow the owner ' s manual to change ring mode.
Voice dial do not work	Handset do not support	Please follow the owner ' s manual to verify the support
Cannot refuse incoming calls	Handset do not support	Please follow the owner ' s manual to verify the support
Redial do not work	Handset do not support	Please follow the owner ' s manual to verify the support
Call transfer do not work	Handset do not support	Please follow the owner ' s manual to verify the support

## **X. Specification**

Frequency : 2402~2480MHz

Transmission Power : Max 4dBm

Operate temperature : -20°C~+60°C ; Storage temperature : -30°C~+85°C

Voltage : DC 4V~6V

Power consumption : 0.1A (MAX)

Bluetooth module:

1. Comply with Bluetooth Headset Profile v1.1 ; Handfree Profile v1.0.
2. Support: NOKIA 6310, 6310i, 8910i, 8910, 3650, 6600, Sony Ericsson T68, T68i, P800, T610, Z600, SIEMENS S55, Motorola A760, A768, V500, V600, Sharp GX-31 and other Bluetooth Headset-AG Profile v1.1 or Handfree-AG Profile v1.0 handsets.

15.21

**Federal Communications Commission (FCC) Statement**

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 part responsible for compliance could void the user's authority to operate the equipment.

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15.105(b)

**Federal Communications Commission (FCC) Statement**

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 technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.