

# Harmony Remote

## Pair the Bluetooth remote

Most Android TV device remotes are Bluetooth only. You need to pair the devices first before you can use Harmony to control such devices. For devices which have both, Bluetooth and an IR receiver, you might want to follow a different procedure (see example for the [Mecool KM9](#)) because IR works more reliably with Harmony than Bluetooth.

1. Add the new device (**manufacturer:** *NVIDIA*, **device:** *SHIELD*) in the PC or Android Harmony app
2. Open the app on an Android phone or tablet, sync, select the new device, and press the power off button
3. On you Android TV device go to *Settings* → *Remotes & accessories* → *Add accessory* and follow the pairing instructions
4. To repair a device paired before you need to create a new device and activity in Harmony first, then sync the change and initiate pairing as described here

## Remote command assignment

- The Nokia Streaming Box 8010 and the Xiaomi Mi Box S can be controlled when set as Nvidia Shield Remote.
- Use the [Button Mapper](#) app and Kodi's Keymap Editor for optimized functionality of the Harmony remote.
- The table below shows which keys of the original remote need to be mapped to the Harmony remote in the Harmony setup.

Device Remotes				Harmony Remote	Kodi Function	Keymap Editor Action Category <sup>1</sup>
Standard BT	Nokia Remote	Shield Remote	Mecool BB2 Pro Remote			
yes	yes	yes	yes	Power On/Off	n/a	n/a
Power Menu (long press)	PowerOn <sup>2</sup> ProgRed <sup>2,3</sup>	Power	Power	Record	n/a	n/a
Home	Home	Home	Home	Exit	n/a	n/a
OK	Select	OK	OK	OK	Select	n/a
OK (long press)	Key Nr. 7 <sup>1</sup>	Mute <sup>2</sup>	Menu	Menu Info, Guide	Menu	Navigation
Back	Back	Back	Return	Return	Return	n/a
	Play	Play	Play	Play	Play	n/a
	Pause	Pause	Pause	Pause	Pause	n/a
	Stop	Stop	Stop	Stop	Stop	n/a
	Skip Backward	Skip Backward	Skip Back	Skip Backward	Previous	n/a
	Rewind	Rewind	Key Nr. 5 <sup>1</sup>	Fast Backward	Rewind	n/a
	Skip Forward	Skip Forward	Skip Forward	Skip Forward	Next	n/a

Device Remotes				Harmony Remote	Kodi Function	Keymap Editor Action Category <sup>1</sup>
Standard BT	Nokia Remote	Shield Remote	Mecool BB2 Pro Remote			
	Fast Forward	Fast Forward	Key Nr. 7 <sup>1</sup>	Fast Forward	Fast Forward	<i>n/a</i>
	Key Nr. 8 <sup>1</sup>	Key Nr. 8 <sup>1</sup>	Key Nr. 8 <sup>1</sup>	Ch	Page Up	Navigation
	Key Nr. 9 <sup>1</sup>	Key Nr. 9 <sup>1</sup>	Key Nr. 9 <sup>1</sup>	Pg	Page Down	Navigation
LG 3D TV Remote				Harmony Remote		
3D				Red		
DirectionLeft				Green		
DirectionRight				Yellow		
OK				Blue		

<sup>1</sup> Map Harmony Button to Kodi Function in Kodi's Keymap Editor addon

<sup>2</sup> Map Harmony Button to Android Function in [Button Mapper](#)

<sup>3</sup> Mapping for the original Nokia remote

## Mecool KM9

1. The KM9 has a Bluetooth and a Infrared Receiver, so we do not need to pair via Bluetooth first
2. For Harmony Remote programming, use **MECOOL** as **manufacturer**, and **BB2 Pro** as **device**
3. The stock remote has a numeric key pad, which we can use to get Playback and Navigation functionality properly set up, as we do not need numeric keys in Kodi.
4. Open *MyHarmony* on your PC, then edit the button assignments for the Kodi activity. Assign numeric keys to the Harmony remote keys which correspond to Kodi functions according to below's table.
5. In Kodi, use Keymap Editor to map the keys to Kodi functions. Run *Keymap Editor* in Program Addons, then go to *Edit* → *Global* and chose the Action Category. Assign all keys, then Save them.
6. A GamePad has a "Home" button, the equivalent for OK is the "A" button, the equivalent for Return is the "B" button. Other buttons would need to be mapped, but it is actually better to then use the remote for navigation.

## Notes

- [Pair the Bluetooth remote](#) is deprecated

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