

rf ruwido remote control and rf2ir dongle user guide

DRAFT

Revision Status

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user operating instructions for rf remote control and rf2ir dongle

1. Pairing of rf2ir dongle and remote control



(1) rf2ir dongle

Press "play/pause" and "ok" keys simultaneously for 5 seconds – red STB LED will flash.

Plug in the rf2ir dongle (1) to an available USB port of your Set Top Box (2) within 30 seconds.

Once paired the red LED will flash twice quickly and then stop. The remote control and the dongle are paired.

The correct function can be verified by pressing any key – red STB LED will flash once.

In case pairing failed no LED will flash when pressing a key. In this case the above procedure should be repeated.



(2) rf remote control

2. Programming your TV

Before you start to program your remote control, make sure your TV and set top box are switched on.

Preparation:

To speed up your programming process, the most used TV brands have 4-digit code that will be used in the programming process.

Search for the 4-digit code of your TV brand.

In case your TV brand is not listed please use code **0 0 0 1** to search for all brands. Please note that the search can take up to 15 minutes in that case.

TV Brand List			
0001	search for all brands		
0010	Insignia	0017	LG
0011	Vizio	0018	Toshiba
0012	RCA	0019	Sony
0013	Sanyo	0020	Samsung
0014	Panasonic	0021	Philips
0015	Funai/Emerson	0022	Fluid
0016	Sharp		

Brand Search

Press and hold **options** key for 3 seconds, until the green LED flashes twice. Enter the 4-digit code for the brand of your TV (see table above) within 10 seconds – the green LED flashes twice.

Now, press and hold the **power** key until your TV switches off.

As soon as your TV switches off, remove your finger from the **power** key and press **select** key to confirm – the green LED will flash twice.

Now press the **power** key again to switch your TV back on.

Now you can turn your TV and your set top box on/off simultaneously by pressing the power key; volume (vol+, vol-) and mute function will be controlled via the TV. After first set up make sure that the set top box and TV are both powered on.

In case an invalid code has been entered the green LED will light up for 2 seconds.

If no key code is being entered within 10 seconds the remote will time out and the programming procedure needs to be started again.



Notes:

- factory default setting: no TV is programmed
- once TV is programmed, volume (vol+, vol- and mute) will be controlled via the TV
- for STB commands the LED will flash red, for TV commands LED will flash green (only if TV set has been programmed)
- TV programming will remain if batteries are being removed / changed

DRAFT - ruwido confidential

DECLARATION

User Information FCC 15.2:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Part 15 Statement. FCC 15.19/RSS Gen Issue 3 Sect. 7.1.3

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Statement Class B Digital Device FCC 15.105:

NOTE: 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.