



Ruwido Remote Control

FaSTBox Remote Control

This datasheet was prepared by
Nevron d.o.o. on September 5, 2024.
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elevating guest
experience

PRODUCT OVERVIEW

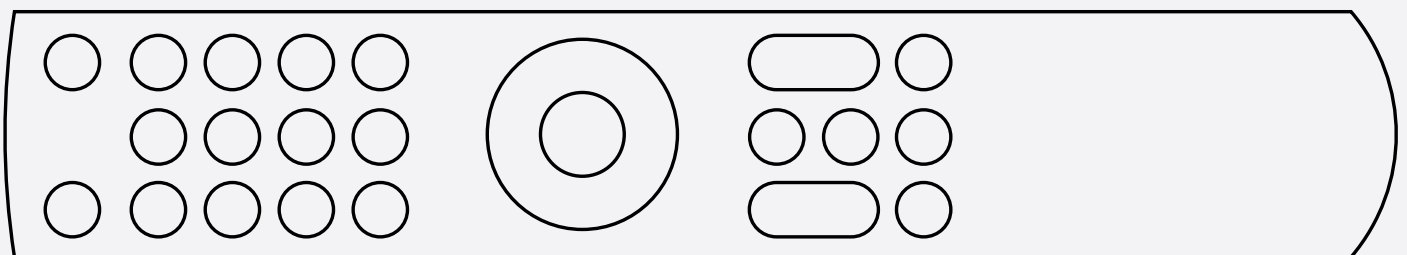
The remote control offers advanced features to enhance user experience and flexibility. It includes programmable buttons customizable via a mobile app, supporting dual connectivity modes: Bluetooth Low Energy (BLE) and Infrared (IR). Users can switch between modes through the app, with BLE + NEC as the default. Configuration options like manual pairing and factory reset can be done directly on the remote or via the app. LED indications change color to show modes—red for IR and green for BLE.

The mobile app enables easy programming, connectivity management, and firmware updates. Users can adjust BLE advertising and scanning for optimal connectivity and power management. The remote includes buttons for multimedia control, such as volume, channels, and playback, all programmable via the app.

Technically, the remote supports the NEC protocol at 38 kHz for IR and includes BLE connectivity, ensuring broad compatibility. Nevron offers robust customer support and detailed documentation to assist with the app and remote functionalities, enhancing user adaptability and ease of use.



FUNCTIONALITY



PROGRAMMABLE BUTTONS

Buttons can be programmed using a convenient mobile app.

TECHNICAL SPECIFICATIONS

Hardware and software

Battery type	2 x AAA batteries
Button functions	Can be programmed for many TV brands using the Ruwido mobile app
Weight	80g (without batteries)

Advertise parameters

Initial advertising	30ms - 50mc interval, 30s timeout, used for pairing
Low advertising	4993ms - 5000ms interval, no timeout, not directed, used for reconnection
Duty cycle	High duty cycle advertising : 20ms - 30ms, 1s timeout, not directed, used for reconnection

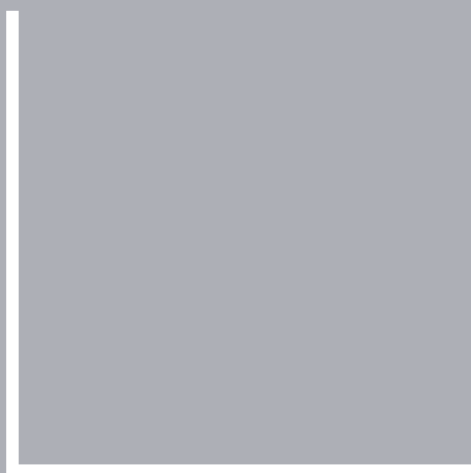
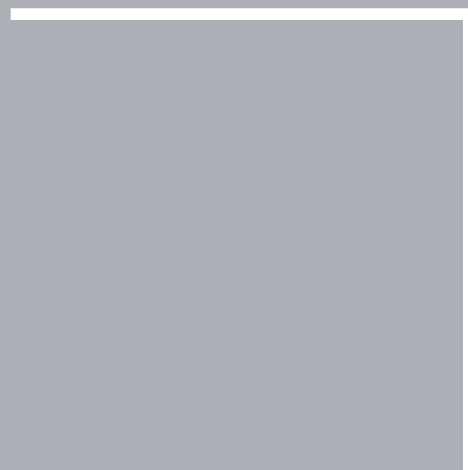
Scan parameters

Active scanning	30ms (48) window, 60ms (96) interval
Passive scanning	30ms (48) window, 60ms (96) interval, Use scan parameter Monte Carlo simulation

Connection parameters

Recommended for STB	7.5ms connection interval, 0 slave latency, 500ms supervision timeout
5s after RCU request	11.25 ms - 15ms connection interval, 64 slave latency, 3000ms
Timeout	None

Let there
be content!



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