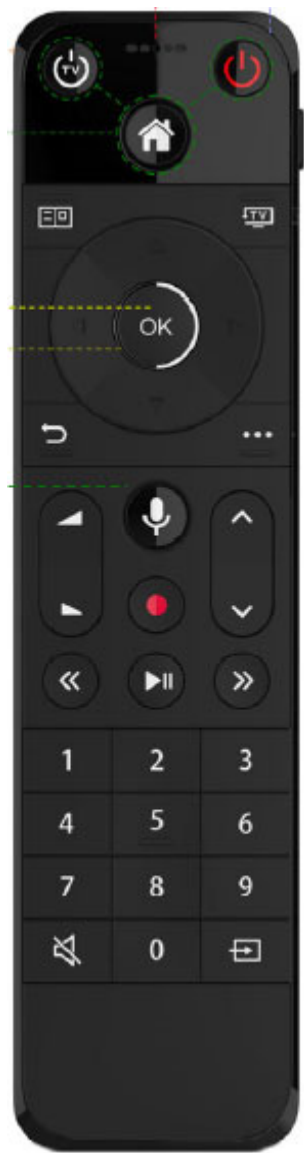


Liberty Global B.V.
Babylon Quick Reference Guide



Ziggo		R328451A99-00001
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ACTIVATING RF

The flowchart below shows different setup methods that will be supported by the RCU implementation on the STB:

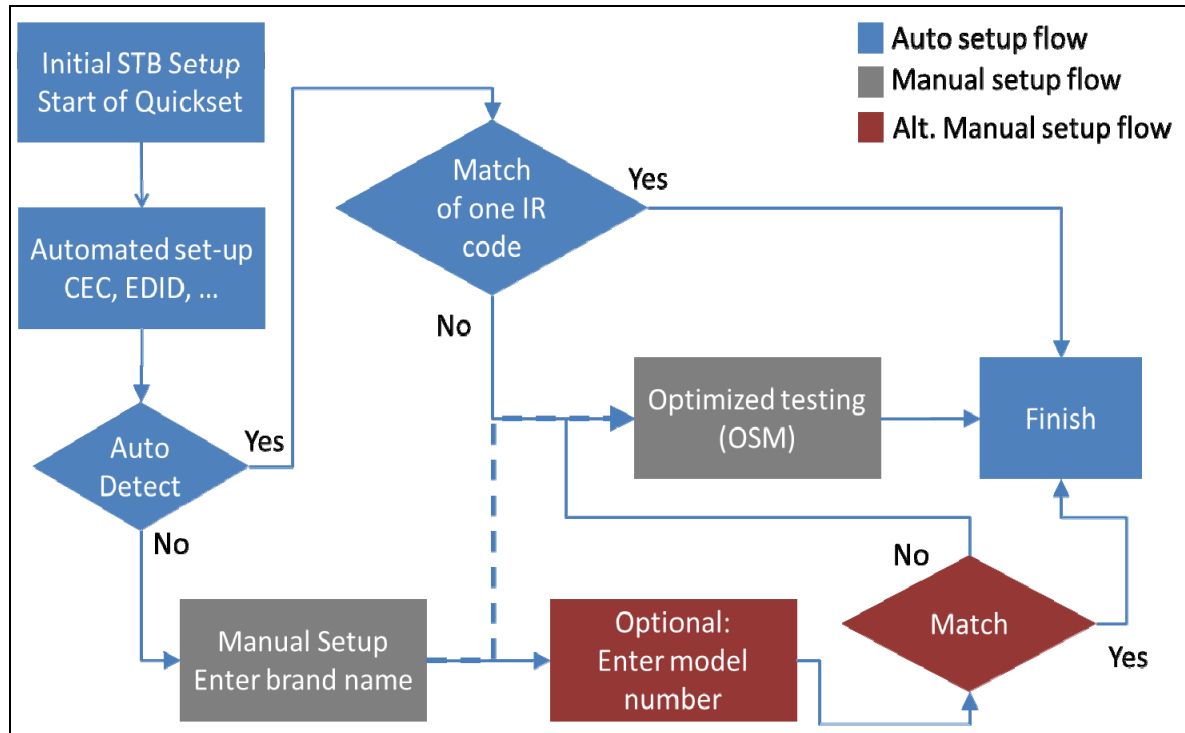


Figure 1 – Quickset flowchart

The following are descriptions of the Quickset features:

Key Codes Download- This feature will download a set of IR codes to the remote.

Code Test – this feature allows the user to test and see whether a selected code-set will work with a specific device prior to assigning it to a mode on the remote. **Note:** This feature is not planned to be implemented on the STB.

Auto Setup – The Quickset library in UAPI provides a feature of automated lookup by identifying the attached devices by means of HDMI-EDID look-up or using CEC control information. Automated lookup will allow the programming of devices that support EDID/CEC information automatically without going through the standard device-brand-model lookup route. CEC/EDID information of connected device is obtained and passed to respective API. Based on the information passed, API will retrieve code sets for the device connected which can be used for programming the remote.

Manual Setup – Manual setup assists the user with a UI flow and enables to setup RCU manually. The user is instructed to search for brand/model of his device, and the programming sequence is displayed with the correct ID to the user.

Optimized Setup Maps – “Optimized setup maps” assists the user with a UI flow, to setup his TV and AMP without searching for the model. After user selects brand, Quickset starts to test RCU keys, and by the user feedback finds the right device and programs it to the RCU.

Note: Test keys for OSM are limited to Volume+, Volume- and Mute.

One Touch View (OTV) – OTV feature will be executed by pressing STB Power key or TV power Key depending on the state of STB.

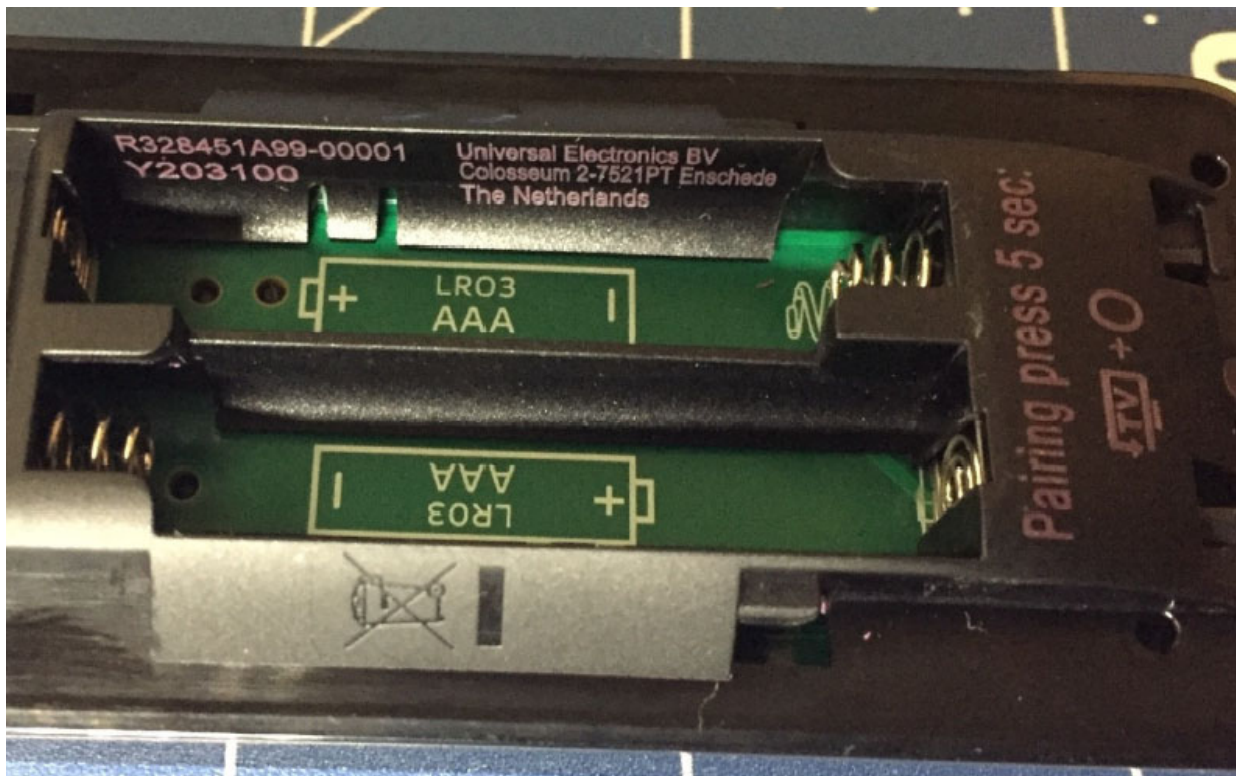
Features:

- UEI UE878NMEH, 512kB Flash, 64K RAM
- Battery Type: 2xAAA alkaline batteries
- White and Red LED with light guide in top right corner.
- BLE 4.2
 - o HID over GATT (HOGP)
 - o Battery Service
 - o Voice: 16kHz, 16 bits.
 - o OTA
- 34+4 clickable keys with metal domes
 - o Including side key for profile selection
- Voice
- External flash: 512kB.
- Background OTA
- IR
- Quickset
 - o One touch view
 - o Auto Discovery
 - o Brand/Model Search

Aside of this project a dual stack will also be started in order to support the following features:

- Dual stack behavior (BLE & RF4CE).
- Automatic pairing and dynamic binding to BLE and RF4CE.
- RF4CE
 - o ZRC2.0, ZRC1.1
 - o Voice over RF4CE (UAPI): 16kHz, 16 bits.
 - o OTA
-
- Operating Temperature
 - o 0°C to +50°C

Customer Marking Label



Caution

Please read all safety instructions to ensure personal safety and prevent damage to equipment.

Warning

- Do not put remote in a fire
- Do not disassemble the remote control
- Disposal of the remote control



- Risk of explosion if the **battery** is replaced by an incorrect type
- **battery** shall not be exposed to excessive heat such as sunshine, fire or the like
- Disposal of a **battery** into fire or a hot oven, or mechanically crushing or cutting of a **battery**, can result in an **explosion**
- Leaving a **battery** in an extremely high temperature surrounding environment can result in an **explosion** or leakage of flammable liquid or gas
- A **battery** subjected to extremely low air pressure may result in an **explosion** or the leakage of flammable liquid or gas

Important Safety Instructions

1. Read these instructions
2. Keep these instructions
3. Head all warnings
4. Follow all instructions

COMPLIANCE WITH FCC RULES AND REGULATIONS

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 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, 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 or decrease 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 remote control/ TV technician for help.

This equipment has been verified to comply with the limits for a Class B computing device, pursuant to FCC Rules. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

FCC Authorization Label

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
- 2 This device must accept any interference received, including interference that may cause undesired operation.

FCC ID: MG3-R328451