

# Configure KeyboardEmulator

## Purpose

To ensure barcode scans on Honeywell MDE devices are received correctly by **COBI.wms**, the **keyboardemulator** app must be configured to send scan data via **BroadcastReceiver** to COBI.wms.

## Prerequisites

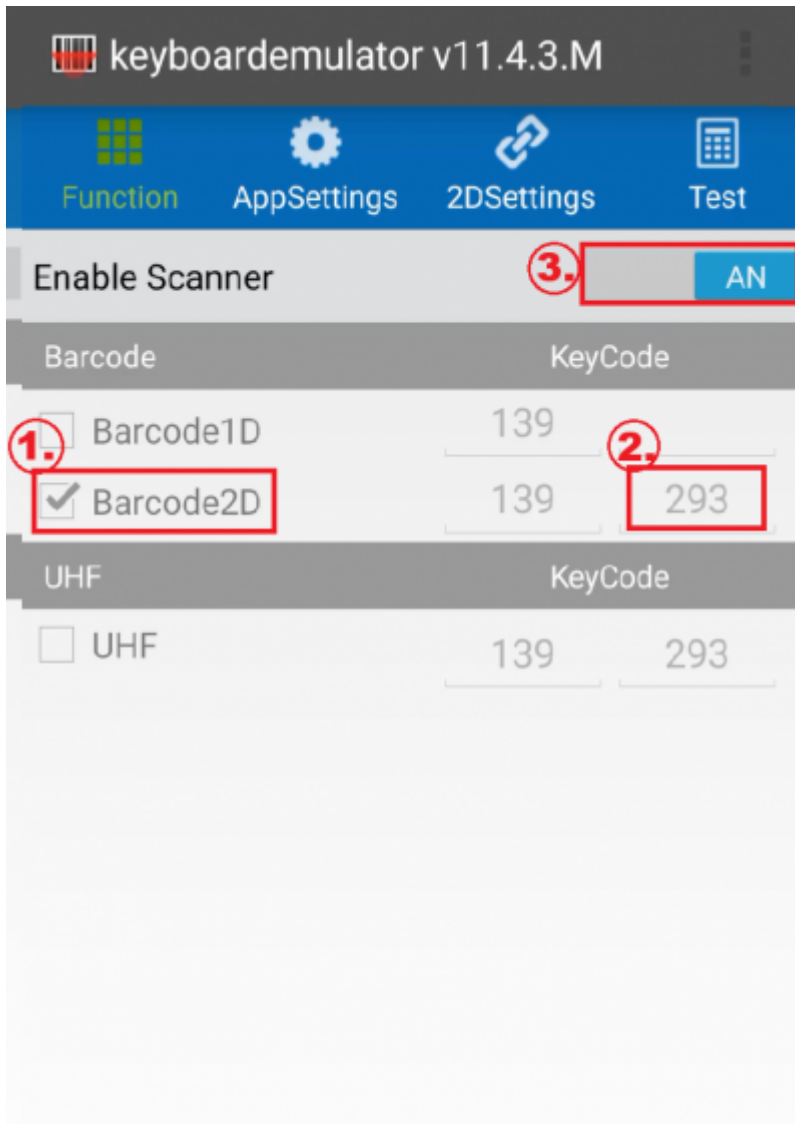
- Honeywell MDE (Android)
- **keyboardemulator** app (verified with **v11.4.3.M**)
- COBI.wms installed
- Recommended: close COBI.wms while applying the settings

## Required Settings (Summary)

- **Function**: enable scanner, enable **Barcode2D**, set KeyCode
- **AppSettings**: enable **BroadcastReceiver** and set action/key
- Optional/recommended: **End mark = Enter**

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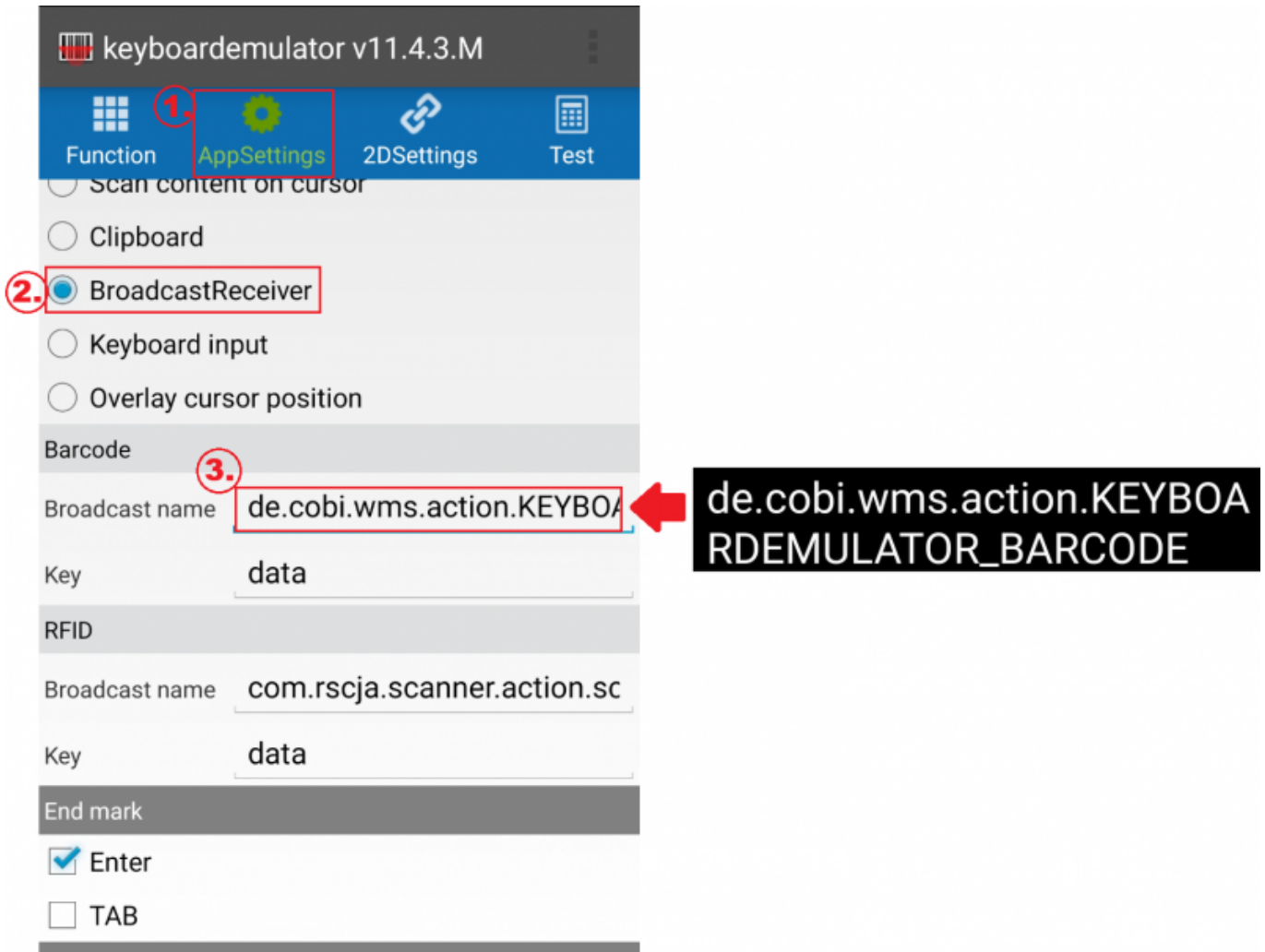
## 1) Enable Scanner and configure Barcode2D (Tab “Function”)



1. Open **keyboardemulator**.
2. Go to the **Function** tab.
3. Apply/verify the following:
  1. **Barcode2D**: enable (check the box). \*(see marker 1)\*
  2. **KeyCode**: set to **293**. \*(see marker 2)\*
  3. **Enable Scanner**: set to **AN** (On). \*(see marker 3)\*

Note: Depending on the device setup, Barcode1D may also be used. For COBI.wms it is essential that scans are triggered and then forwarded via Broadcast (next step).

## 2) Configure BroadcastReceiver for COBI.wms (Tab "AppSettings")



1. Switch to the **AppSettings** tab. \*(see marker 1)\*
2. Select **BroadcastReceiver** as the output mode. \*(see marker 2)\*
3. In section **Barcode**, set:
  - **Broadcast name:** **de.cobi.wms.action.KEYBOARDEMULATOR\_BARCODE** \*(see marker 3)\*
  - **Key:** **data**
4. (Optional/recommended) In section **End mark**:
  - Enable **Enter**
  - Keep **TAB** disabled

Important: The broadcast name must match **exactly**, including capitalization and underscores.

### 3) Test in COBI.wms

1. Open **COBI.wms**.
2. Navigate to a field where scanning is expected (e.g., login, item/barcode field).
3. Scan a barcode.
4. Expected result: COBI.wms receives the value and processes it (e.g., item is found).

If nothing is received:

- fully close COBI.wms (task switcher) and reopen it

- verify **BroadcastReceiver** is selected (not “Keyboard input”)
  - verify **Broadcast name** and **Key** are correct
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## Troubleshooting (common causes)

- **No reaction in COBI.wms**
  1. BroadcastReceiver not enabled / wrong broadcast name
  2. COBI.wms was running during changes → restart the app
- **Scans appear as normal keyboard typing**
  1. output mode is set to “Keyboard input” instead of “BroadcastReceiver”
- **Scan is sent but value is empty**
  1. the extra “Key” must be **data** (COBI.wms reads the barcode value from this field)

From:  
<https://docs.cobisoft.de/wiki/> - **COBISOFT Documentation**

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