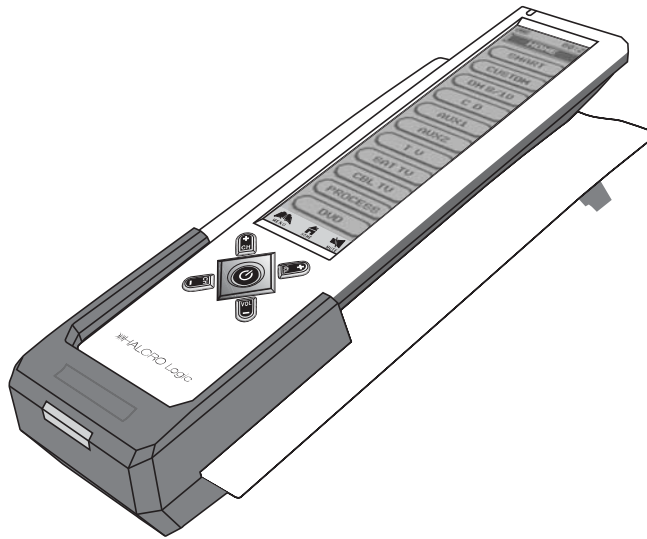


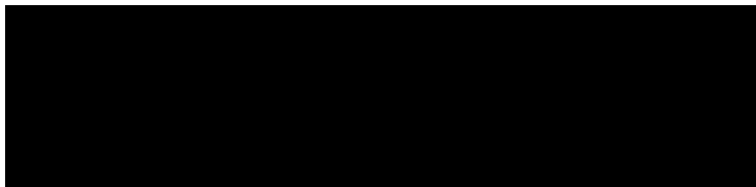
# Universal Touch Screen Remote UTSR1

## Docking Station



HALCRO Logic

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Your Halcro Logic UTSR1 integrates your homes Infrared remote controls, to deliver instant audiovisual action.

## Key Features

- Pre-Programmed with learning capability
- 9-in-1 remote (replace HALCRO dm 8/10, HALCRO Processor, CD, TV, SAT TV, CBL TV, DVD, AUX 1 & AUX 2)
- Learn up to 240 commands
- EL backlit touch screen panel with intelligent light sensor for power saving
- 5 useful hard keys for direct access ( ⏪, CH+, CH-, VOL+, VOL-)
- 3 touch screen shortcuts ( 📺, 🏠, 🔊 )
- Set up by code entering, device brand name search and library code search
- 10 programmable smarts, each with 32 steps in maximum
- Device name and function keys editing, moving, deleting and restoring
- Custom page for personal set up and frequently used commands
- Remote-to-remote copy function
- Volume 'punch through' control for TV, HALCRO Pre-amplifier and HALCRO Processor
- Interactive help screen
- Security password lock
- Real time clock
- Battery level indicator
- Auto power off
- AC/DC power charger

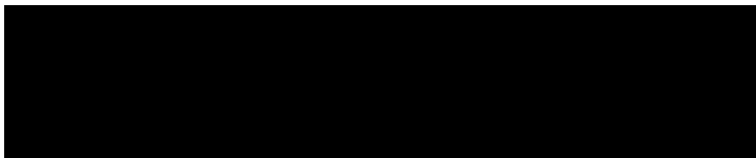
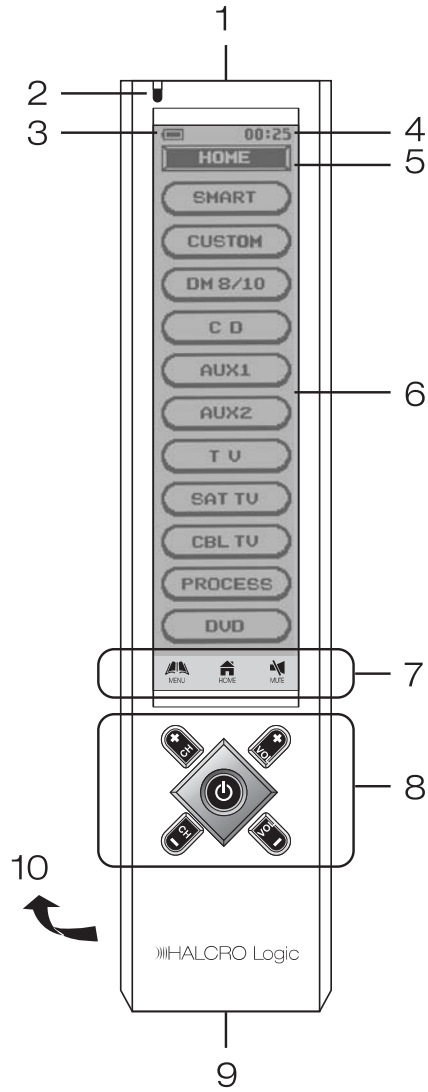
## Optional Features

- Docking charger for quick battery charging
- Computer link (PC link) for special key layout and function via USB connection to PC
- Perform PC software upload and download

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## Remote Control

- |                        |                         |
|------------------------|-------------------------|
| 1. Infra-red Lens      | 6. Touch Screen Panel   |
| 2. Green LED Indicator | 7. Short Cut Keys       |
| 3. Battery Level Meter | 8. Hard Keys            |
| 4. Current Time        | 9. Connection Jack      |
| 5. Current Mode        | 10. Battery Compartment |



## Specifications

- Operation System: Integrated preprogrammed and learning infra-red remote control system
- Compatibility: Preprogrammed with code library of HALCRO dm 8/10 (Preamplifier), HALCRO Processor, Compact Disc Players (CDs), Televisions (TVs), Satellite/Digital Satellite Receivers (SAT TVs), Cable Converters (CBL TVs) and Digital Video Disc Players (DVDs)
- Memory Capacity: 240 learning commands
- Memory retention after battery disconnection: Non-volatile and permanent memory
- Display Panel: Monochrome touch screen LCD
- Resolution: 320 x 80 pixels
- EL Backlighting: Blue-Green EL backlighting with light sensor
- Operating Distance: 8 Meters (25 feet)
- Power Requirement: 4 x AAA size NiMH rechargeable batteries
- Charging Time: Approximately 17 hours
- Dimensions: 220 x 51 x 25 mm
- Weight: 165g (without batteries), 215g (with batteries)
- Included Accessories: AC/DC power adaptor (DC9V, 400mA, 3.6VA) x 1, Connector x 1 (for charging purpose), 4 x AAA size NiMH rechargeable batteries
- Optional Accessories: Halcro Logic Docking Station – Quick charger, PC Link software for MS Windows 98SE, Windows 2000, Windows NT, Windows XP and USB Cable

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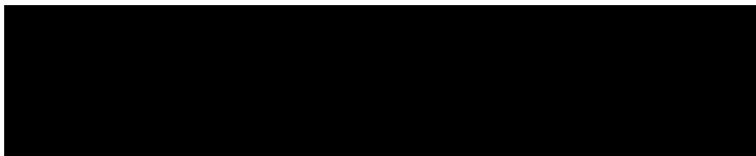
## Remote Control

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*Note: Both the Halcro Logic Remote Control and Docking Station comply with 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 instruction, may cause harmful interference to radio communications. However, this 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*
- *Modifications not authorized by the manufacturer may void users authority to operate this device*

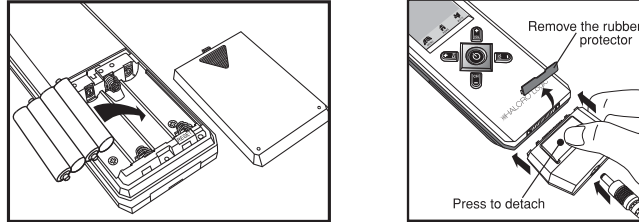


## Battery Installation and Charging

Your Halcro Logic UTSR1 is supplied with 4 x AAA NiMH rechargeable batteries, a connector and a charging adaptor. We recommend you charge your batteries over night (10 hours) before 1<sup>st</sup> time use.

The battery meter  (top-left corner of LCD) will empty  to indicate when the batteries require recharging.

To install the batteries, open the battery cover; follow the polarity symbol shown in battery compartment, place the batteries inside and then replace the cover.



To recharge batteries, put the power adaptor into AC wall outlet, insert the DC jack to the connector, then connect to the socket at the bottom of the remote. It takes approximately 14 to 16 hours to fully charge the batteries.

*Note: The Battery icon  is not shown when in Menu mode.*

*The unit is designed for optimum operation with original batteries.*

*Do NOT connect charging adaptor and connector when using the non-original batteries.*

*To avoid data loss, Do NOT attempt remote setup when batteries are weak.*

## Operating the Remote

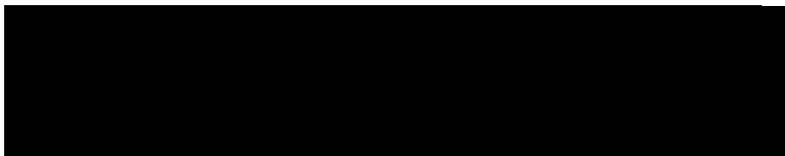
After inserting the batteries, you will be prompted by the main page, which shows all the devices and functions for selection.

- Tap **HOME** at any time to jump to this page. If remote is inactive for approximately 60 seconds, it will go to sleep mode and shut down the display. Simply touch the screen panel to activate the unit. (Note: When in sleep mode, the hard key section is still available for command)
- Tap any device icon on screen to enter corresponding device mode. The LCD shows a remote key platform
- Tap a key directly to send out corresponding infra-red command
- Tap **PAGE** at bottom of screen to change command pages
- Tap **HOME** to return to main page
- There will be no label or symbol for an empty key (Note: these keys are available for learning, please refer to learning section of this manual for details.)
- Tap **MENU** to set up the unit

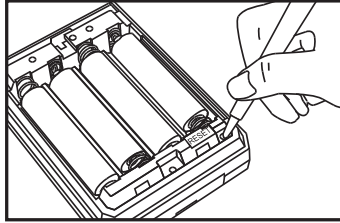
## Panel Calibration

Please follow the below instruction for calibration of the Halcro Logic UTSR1. If you experience any incorrect response from the touch screen, please re-calibrate the unit.

- Tap **MENU** to set up the unit
- Tap **REMOTE SETTING**
- Tap **CALIBRATION**
- Follow the described procedure from the screen display
- Tap **BACK** to go back to the **HOME** page






*Note: If your Halcro Logic UTSR1 does not respond, you can reset the remote by pressing the **RESET** key inside the battery compartment (see illustration). This product may need to be manually reset under high electrostatic discharge.*




## Hot Keys

There are 3 Hot keys on the bottom of LCD display,

-  **HOME** Jump to main page
-  **MENU** Access main setup menu for configuration/setting
-  **MUTE** Volume mute function

## Hard Keys

There are 5 hard keys that transmit IR command corresponding to device selected.

-  Power ON/OFF
- **CH+** Program up or Channel up
- **CH-** Program down or Channel down
- **VOL+** Volume up
- **VOL-** Volume down


## Key Tone

When you tap any key, there is a short audible beep. User can enable/disable this function from main menu setting (for details, please refer to **Remote Setting** section in this manual.)


## Backlight

There are two separate EL backlights for LCD screen and hard keys, and will be turned ON separately. Backlight will be turned ON for 5 seconds (factory default setting) after a key is pressed, and user can disable this function. (For details, please refer to **Remote Setting** section in this manual.)

## IR Codes Library

To setup a code, tap  **MENU** once then select a device to setup, choose a setup method. User can setup by learning key command from an original remote control, entering a code number, browsing through brand name list, or searching through the whole library. Refer to separate Code List for IR code number of different device.



## Configuration/Setting Up the Unit

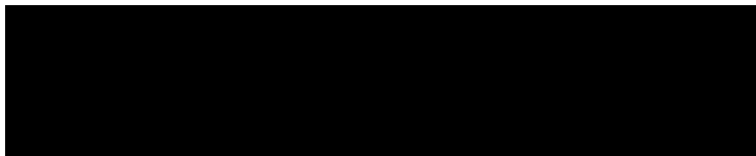
Tap  **Menu**, then choose any one of the following items:

**Setup** – setup the pre-programmed code or learn key command.

- Tap **SETUP** from main menu
- Select one of following setup methods

**Learning** – learn or copy a key command from an original remote control to Halcro Logic UTSR1

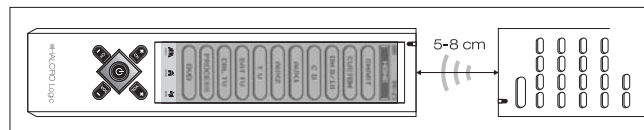
- Tap **Learning** from Setup menu
- Select a device where you would like to carry the command keys (e.g. TV)
- Tap a key to be learnt from the Halcro Logic UTSR1
- Aim an original remote to the front of Halcro Logic UTSR1. Press and hold the key until Halcro Logic UTSR1 responds with a successful message (approx. 5 seconds)
- Edit the keyname or just tap **OK** to confirm
- Tap another key to continue learning of the rest of the useful commands
- Tap  **MENU** to return to main menu, or tap  **HOME** to return to main page



**Dual Signal Learning** – If you find that a Learn command only works occasionally for your audiovisual equipment, your original remote control may contain dual signals. Please follow the below steps to reprogram these commands.

- Tap **Learning** from Setup menu
- Select a device which you would like to carry the command keys (e.g. TV)
- Tap a key to be learnt from the Halcro Logic UTSR1
- Aim the original remote to the front of the Halcro Logic UTSR1. Press and hold the key until Halcro Logic UTSR1 responds with a successful message (approx. 5 seconds)
- Edit the key name or just tap **OK** to confirm
- Tap the same key on the Halcro Logic UTSR1
- Again aim the original remote to the front of the Halcro Logic UTSR1. Press and hold the same key until Halcro Logic UTSR1 responds with a successful message
- Edit the key name or just tap **OK** to confirm

*Note: The optimum receiving distance is 5 to 8cm for remote learning. If you have any reported problem during the learning process, adjust the distance and try again.*



**Brand Name** – setup pre-programmed code by selecting a brand name.

- Turn on your device you wish to install before start this setup procedure. (e.g. TV)
- Tap **Brand Name** from Setup menu
- Select a device (e.g. TV)
- A brand name list in alphabetical order will be displayed. Tap ▲ or ▼ to browse the list, or tap a character to access to a brand name. (e.g. 'H' for Halcro)
- Tap a brand name from the list, it will be highlighted (e.g. Halcro)

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## Remote Control

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- Tap test keys on LCD screen or any of hard keys to test the selected code
- Tap ⊕ to search next code, or ⏻ command will be sent at the same time
- Tap ⊖ to skip previous code
- Tap **Back** to cancel and return to previous menu page for selection of other brand name. (Follow the above steps again)
- Tap **OK** to confirm and exit the setup

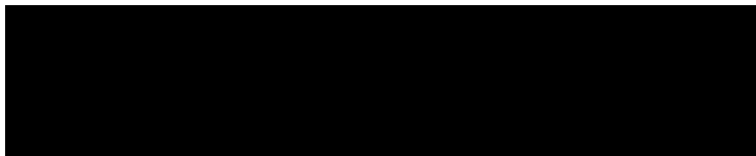
*Note: If you have reached the end of code, you will be prompted to continue for **Auto-Search** or **Exit**. For details of Auto-Search setup, please refer to Auto-Search Setup section in this manual.*

**Enter Code** – setup pre-programmed code by entering code number. (Halcro Logic UTSR1 is preloaded with numerous control codes for most popular AV equipment; you can refer to the enclosed code list for your devices.)

- Tap **Enter Code** from Setup menu
- Select a device (e.g. TV)
- Tap numeric digit to enter code number (check your code from the code list, e.g. 0021)
- Tap **Delete** to delete the last entered digit (if you have mistyped a number)
- Tap **Back** to cancel and return to previous menu page
- Tap **OK** to confirm the input
- Tap **Test Key** on LCD screen or any of hard key to test the corresponding function
- Tap **OK** to confirm and exit the setup

**Auto Search** - setup pre-programmed code by searching through the library.

- Turn on your device before starting this setup procedure (e.g. TV)
- Tap **Auto Search** from Setup menu
- Select a device (e.g. TV)
- Tap ⊕ once and then repeat until your device is switched off. Then, press **OK** to save the code. Or you can tap the **TEST** key to test the device during setup



- If you have missed the last code, tap  $\ominus$  once to skip backward
- Tap **Back** to cancel and return to previous menu page
- Tap **OK** to confirm and exit the setup

*Note: When a code is set to a device, the learned command and key name of that device will be lost, and restored to pre-programmed command. Some codes do not have Power command. These codes may not be detected by using Auto-Search. User is advised to use **Test** key to test other keys. During auto-searching, user can access any of the hard keys to test the command.*






## Advanced Set-Up

### Edit

This function allows you to rename, move or delete key/device label.






Tap  **MENU** then tap **EDIT** and choose any one of the following items:

**Key Name** - rename key label

- Tap **KEY NAME** from Edit menu
- Select a device
- Select a key to be edited
- Tap , , or  for quick access to different groups of keys (Character, Symbol or Graphic), and tap  or  to access different pages of each group of keys
- Tap a character/symbol/graphic from the page
- Tap **DELETE** to erase last entered character/symbol/graphic
- Tap **BACK** to ignore and return to previous page
- Tap **OK** to confirm and exit editing


*Note: The number of characters input depends on the corresponding key size*

### **Device Name** - rename device label


- Tap **DEVICE NAME** from Edit menu
- Select a device
- Tap  ,  , or  for quick access to different groups of keys (Character, Symbol or Graphic), and tap  or  to access different pages of each group of keys
- Tap a character/symbol/graphic from the page
- Tap **DELETE** to erase last entered character/symbol/graphic
- Tap **BACK** to ignore and return to previous page
- Tap **OK** to confirm and exit editing

*Note: Maximum input of 7 characters*


### **Move Key** - move key location (exchange keys position)

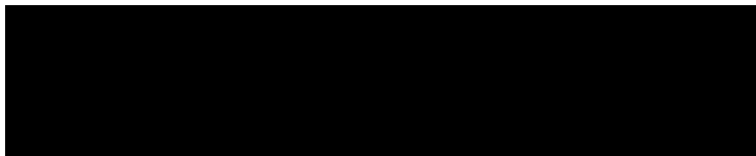
- Tap **MOVE KEY** from Edit menu
- Select a device
- Select a key to be moved, tap **OK** to confirm
- Select a destination, tap **OK** to confirm. The position of the 2 selected keys will then be exchanged
- Select a key to continue or tap  **MENU** to exit Move Key mode and return to main menu

### **Move Device** – move device location

- Tap **MOVE DEVICE** from Edit menu
- Select a device to move, tap **OK** to confirm
- Select a destination, tap **OK** to confirm. The position of the 2 selected devices will then be exchanged
- Select a device to continue or tap  **MENU** to exit Move Device mode and return to main menu

### **Delete Key** – delete a key

- Tap **Delete Key** from Edit menu
- Select a device
- Select a key to be deleted, tap **YES** to confirm
- Select a key to continue or tap  **MENU** to exit Delete Key mode and return to main menu



## Preference



Tap  **MENU** then tap **PREFERENCE** and choose any one of the following items:

**Punch Through** – set up device punch through for Volume Control, Volume + / - and Mute.

- Tap **PUNCH THROUGH** from Preference menu
- Select a source device (e.g. HALCRO dm 8/10)
- Select a target device (e.g. DVD)

*Note: For punch through, Vol +, Vol - and Mute will be punched through to the selected device.*

**Custom Page** – set up a user custom page

- Tap **CUSTOM PAGE** from Preference menu
- Select your keys from different devices for custom page
- Select a device where a key to be copied to custom page (e.g. TV)
- Select a key command to be copied to custom page (e.g. )
- Tap **YES** to confirm the selection
- Tap to select other key to create new command or tap  **MENU** to exit and return to main menu

*Note: Custom Page is a group of keys that allow the user to copy key commands from different devices, access custom pages from the **HOME** page, view the device attribute of a key (tap the header **CUSTOM PAGE** once to toggle display device name and key name) and if a key is deleted or re-named on original device, it is also changed in Custom Page.*

## Remote Setting

Tap  **MENU** then tap **REMOTE SETTING** and choose any one of the following items:

**Clock** – adjust clock

- **Current Time** – adjust current time
- Tap **Clock** from Remote Setting menu
- Tap **Set** to adjust clock
- Enter four digits, first two digits represent hour and second two digits represent minutes (24 hour format is used.)
- Tap **OK** to confirm and exit the setting

- **Day of Week** – adjust day of week
- Tap **Clock** from Remote Setting menu
- Tap **Set** to adjust date
- Tap ▲ or ▼ to select day of week
- Tap **OK** to confirm and exit the setting

**Beep Sound** – turn beep sound On/Off

- Tap **Beep Sound** from Remote Setting menu
- Tap **Enable** to turn on beep sound
- Tap **Disable** to turn off beep sound

**LCD** – set up LCD related function

- **Light Auto Off**: select backlight auto turn off at 5 Sec, 10 Sec or 15 Sec
- **Backlight Control**: select an option of backlight control method, By Sensor, Always On or Always Off.

**Password** - create/enable or disable password

In order to keep your personal setting of the Halcro Logic UTSR1 secure, you can activate the password function for remote setting protection.

- Enter password, max. 5 characters
- Re-enter password for confirmation
- Tap **DELETE** to delete last character
- To disable password, give a blank input (no characters) to password field

*Note: Universal password is **AAAAA***

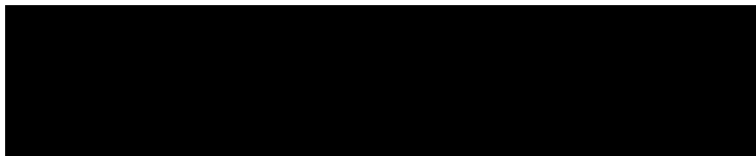
**Reset Default** – reset user setting to factory default.

*Warning: Please make sure it is necessary to perform this function. Your Halcro Logic UTSR1 will be reset to factory pre-loaded setting and all the learned signals/custom setting will be erased.*

**Clear Learning** – to clear learned command and restore keys to default command.

One Key – to clear learned command and restore keys to default command

- Tap to select a device
- Tap to select a key
- Tap **Yes** to confirm or tap **No** to abort



One Device – clear learned command of all keys of a device.

- Tap to select a device
- Tap **Yes** to confirm or tap **No** to abort

All Devices - clear all learned commands of all devices.

- Tap **All Devices**
- Tap **Yes** to confirm or tap **No** to abort

**Key Rename** – clear user renamed key label and restore to factory default.

One Key – restore user renamed label of a single key.

- Tap to select a device
- Tap to select a key
- Tap **Yes** to confirm or tap **No** to abort

One Device – restore all user renamed key label of a device.

- Tap to select a device
- Tap **Yes** to confirm or tap **No** to abort

All Devices - restore all user renamed key label of all devices.

- Tap **All Devices**
- Tap **Yes** to confirm or tap **No** to abort

**Device Rename** – clear user renamed device label and restore to factory default.

One Device - restore a single user renamed device label and restore to factory default.

- Tap to select a device
- Tap **Yes** to confirm or tap **No** to abort

All Devices - restore all user renamed device label and restore to factory default.

- Tap **All Devices**
- Tap **Yes** to confirm or tap **No** to abort

**Move Key** – clear and restore user setting about key movement.

One Device – clear the setting of key movement of a device and restore to factory default.

- Tap to select a device

## Remote Control

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- Tap **Yes** to confirm or tap **No** to abort

All Devices - clear all settings of key movement of all devices and restore to factory default.

- Tap **All Devices**
- Tap **Yes** to confirm or tap **No** to abort

**Move Device** - clear the setting of device movement and restore to factory default.

- Tap **Move Devices**
- Tap **Yes** to confirm or tap **No** to abort

**Deleted Key** - restore deleted keys.

One Key - restore a single deleted key

- Tap to select a device
- Tap to select a key
- Tap **Yes** to confirm or tap **No** to abort

One Device - restore all deleted keys of a device.

- Tap to select a device
- Tap **Yes** to confirm or tap **No** to abort

All Devices - restore all deleted keys of all devices.

- Tap **All Devices**
- Tap **Yes** to confirm or tap **No** to abort

**All To Default** - restore all user settings to factory default.

- Tap **Yes** to confirm or tap **No** to abort

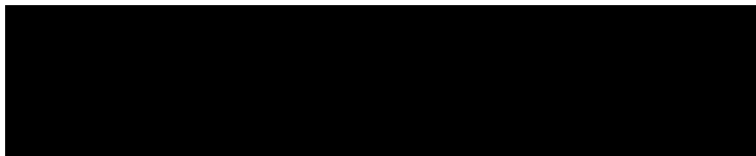
*Note: All user settings will be lost (except clock and password). Default function do not clear clock setting and password.*

**Status** - show information of the unit.

- Display software version, code number of each device and other useful information
- Tap ▲ or ▼ for more information or tap **Back** to return to **Remote Setting** menu

## Smart

Halcro Logic UTSR1 comes with 10 editable **SMART** programs each with a maximum 32 key steps. With the help of **SMART**, you can program a group of commands and time delay to execute in a chain of IR signals simply by the press of SMART button.



Tap  **MENU**, then tap **Smart** and choose any one of the following items:

**Add New Smart** – create a new smart command.

- Select an empty smart key
- Tap **ADD KEY** to select a device and a key to add it into smart list
- Tap **ADD DELAY** to add a delay time between key command (maximum delay is 20 seconds)
- Select an item from the command list and tap **MOVE UP** and **MOVE DOWN** to re-order the sequence of that item, or tap **DELETE** to remove that item from the list
- Tap **TEST** to test the function of Smart
- Tap **OK** to confirm

**Edit Smart** – edit an existing smart key

- Select an existing smart
- Tap **ADD KEY** to select a device and a key to add it into smart list
- Tap **ADD DELAY** to add a delay time between key command (maximum delay is 20 seconds)
- Select an item from the command list and tap **MOVE UP** and **MOVE DOWN** to re-order the sequence of that item, or tap **DELETE** to remove that item from the list
- Tap **TEST** to test the function of Smart
- Tap **OK** to confirm

**Delete Smart** – delete a smart key

- Select an existing smart
- Tap **OK** to confirm
- Tap **BACK** to abort

**Rename Smart** - to rename label of a smart key

- Select an existing smart
- Tap a character from the touch screen
- Tap **DELETE** to last entered character
- Tap **BACK** to ignore and return to previous page
- Tap **OK** to confirm

*Note: When a **Smart** is executed, press a hard key (e.g.  $\phi$ , CH+, CH-, Vol+, Vol-) to stop the signal transmission. User can set maximum 32 steps (including delay) for each smart program. The maximum delay time is 20 seconds.*

## Clone

This function is used to copy user setting to another Halcro Logic UTSR1. Tap  **MENU**, then tap **Clone** and choose any one of the following items:

*Note: Before you perform this function, please make sure that you have two (2) Halcro Logic UTSR1s. You have to identify which unit is the sender and which one is the receiver. The sender is the unit which contains data that will be transferred to another Halcro Logic UTSR1 (receiver unit). The receiver is the unit which will copy the signals from the sender. Please keep both sender and receiver units face to face at a distance of 5 to 8cm during the whole cloning process.*

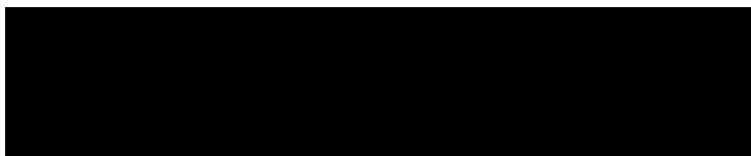
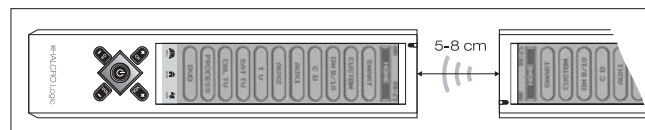
**Copy One Device** – copy all user settings of a single device from the sender to the receiver unit

- On the receiver unit, tap **Receive**
- On the sender unit, tap **Copy One Device**, then tap to select a device (e.g. TV), all user settings in the selected device will be sent out via the IR linking from the sender to the receiver unit

**Copy All Devices** – copy all user settings of all devices from the sender to the receiver unit


- On the receiver unit, tap **Receive**
- On the sender unit, tap **Copy All Devices**, all user settings will be sent out via the IR linking from the sender to the receiver unit, except **Clock** and **Password** will be sent out via IR linking

**Receive** – receive data for Clone function (receiver unit has to select this function in order to start cloning) Enter into receiving mode, ready for receiving incoming data.




*Note: All user settings will be over-written at receiving end by sending remote. Do NOT interrupt the linking during sending and receiving data. Be sure to keep two remotes within 5 to 8cm during the copy process for better performance.*

## PC Link

To connect your Halcro Logic UTSR1 with a computer to download/upload data, Tap  **MENU**, then choose **PC Link**.

*Note: To enable PC-to-remote data upload/download function, you must use the Halcro Docking Station.*

## Interactive Help Screen

In menu mode, there is a Help icon  on the top right corner of screen. It provides help information for each sub-level of the menu.

**IMPORTANT NOTE:** Do not drop or apply any shock to the unit. If the unit does not work properly, press **Reset** key once to restart. (Reset key is located inside the battery compartment).

If password is set, user needs to enter password for accessing main menu. Enter **AAAAA** if you forget the password.

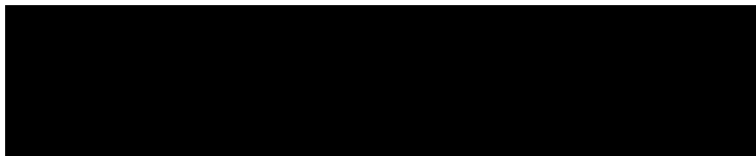
Before operating the Halcro Logic Docking Station, please read this manual.

### Key Features

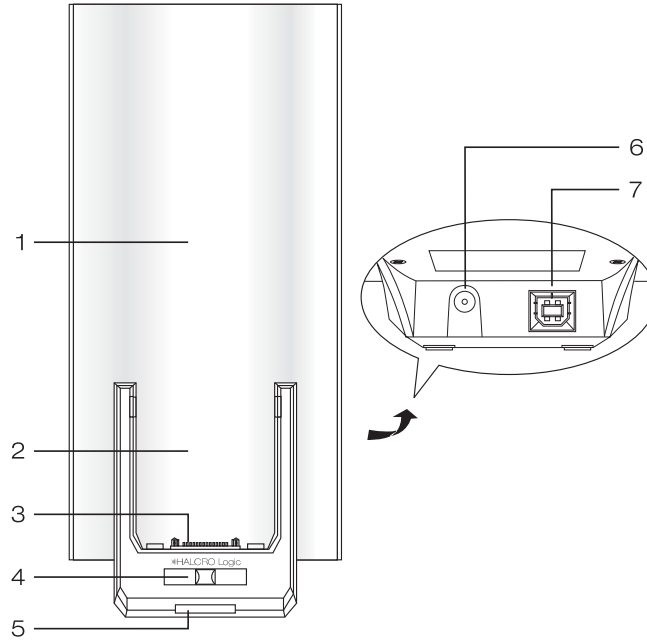
- Fast charging device for your Halcro Logic UTSR1
- Connecting your Halcro Logic UTSR1 to home computer system for remote advanced editing and data back up (PC Link)
- LED indicator for charging status display
- USB Cable included for PC connection

### Specifications

- Power Requirement: DC 9V, 400mA, 3.6VA
- Charging Time: 3-4 hours
- Dimensions: 225 x 100 x 45mm
- Weight: 130g approx.
- Included Accessory: USB Cable



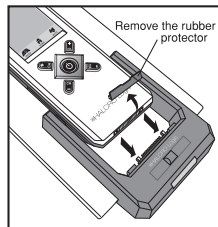
1. Docking Station
2. Remote Holder
3. Connection Pins
4. Release Button
5. LED Indicator
6. Power Connector
7. USB Jack



HALCRO Logic

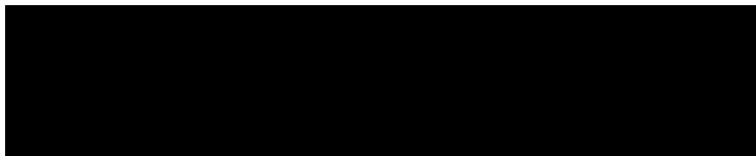
### Quick Charger Function

- Make sure that your Halcro Logic UTSR1 is installed with 4xAAA NiMH rechargeable batteries and remove the rubber protector
- Make sure you have the DC power adaptor from the Halcro Logic UTSR1 package
- Put the power adaptor into AC wall outlet, insert the DC jack to the power connector of the Docking Station
- Now, slide your Halcro Logic UTSR1 onto the Docking Station until the connection pins are locked
- The Green LED of the Docking Station lights up.
- It takes approximately 3 to 4 hours to fully charge the remote
- When the charging process is completed, the Green LED of the Docking Station will be turned off
- Press the **Release** button of the Docking Station to release the Halcro Logic UTSR1



### Remote Advanced Editing via Computer

- Make sure that your computer is loaded with one of the following operating systems: Windows 98SE, Windows 2000, Windows NT or Windows XP
- Download the Halcro Editor software from the suggested website. Install the program and reboot your system
- Make sure your Halcro Logic UTSR1 is connected with the Docking Station (See Quick Charge Function, point 4)
- Connect the supplied USB cable to the USB jack of the Docking Station and one of the available USB connectors of your computer system
- Activate the **PC Link** function on the Halcro Logic UTSR1 by tapping **Menu** and then, select **PC Link**



- Run the Halcro Editor software from your computer system

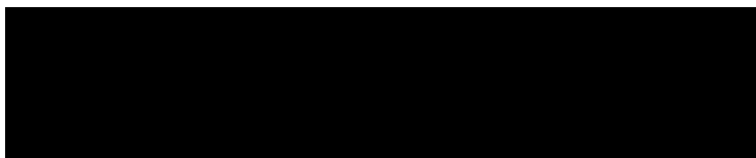
*Note: For operating the Halcro Editor software, please follow the instruction manual from the software package.*

## Maintenance

- Do not expose your Docking Station to dust, strong sunlight, humidity, high temperature, or mechanical shock
- Do not use corrosive or abrasive cleansers on your Docking Station
- Keep the unit dust free by wiping it with a soft, dry cloth
- Do not disassemble your Docking Station

UTSR1

<p>My Halcro Logic UTSR1 is not working.</p>	<p>Make sure the provided rechargeable batteries are inserted with correct polarity and are fully charged. Try pressing the <b>Reset</b> button inside the battery compartment. (Refer to page 9 for details)</p>
<p>I have installed a code but the remote is not working or only partly works with my device.</p>	<p>Try another code available on the code list or go through the <b>Auto Search</b> to locate another possible code. OR use the <b>Learning</b> function. (Refer to page 10 for details)</p>
<p>I have copied my original remote to Halcro Logic UTSR1 but found that some commands only work occasionally.</p>	<p>Your original remote may carry dual signal commands. (Refer to page 11 for details)</p>
<p>I cannot move a key to another location.</p>	<p>Make sure the selected key type is identical. You cannot exchange key position with different key type. (Refer to page 14 for details)</p>
<p>How can I restore my factory setting?</p>	<p>(Refer to page 16 for details)</p>
<p>How can I prevent someone from editing or changing the settings?</p>	<p>Activate the <b>Password</b> function to lock your remote. (Refer to page 16 for details)</p>
<p>I have forgotten my password.</p>	<p>The factory preloaded password is <b>AAAAA</b></p>
<p>The backlight of the LCD is not working.</p>	<p>Make sure you have selected either <b>By Sensor</b> or <b>Always On</b> in the Remote Setting menu. (Refer to page 15 for details)</p>
<p>What is CLONE?</p>	<p>To perform this function, you must have 2 Halcro Logic UTSR1s. (Refer to page 20 for details)</p>



<b>What is SMART?</b>	Using the programmed SMART button will execute a series of commands. (Refer to page 18 for details)
<b>What is PC Link?</b>	In order to perform this function, you must have a Halcro Logic Docking Station and the corresponding computer software. (Refer to page 21 for details)

### Docking Station

<b>My Halcro Logic Docking Station does not charge my remote.</b>	Make sure that your Docking Station is connected properly with the Halcro Logic UTSR1. Check whether your Halcro Logic UTSR1 is loaded with packaged NiMH rechargeable batteries and are inserted with correct polarity. Make sure that you have connected the DC power supply with your Docking Station and an available AC outlet.
<b>How can I connect my Halcro Logic UTSR1 with my computer system?</b>	Please refer to page 24 Remote Advanced Editing via Computer. Make sure you have activated the PC Link function from the Halcro Logic UTSR1.

*Note: The Halcro Logic UTSR1 and Docking Station contain no user serviceable parts. For all service requirements please contact your dealer.*

)))HALCRO Logic

## Device Code List

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### Preamp

Model	Code
Halcro dm8/dm10	0002

### Surround Sound Processor

Model	Code
Halcro SSP220/SSP180	0007

### TV

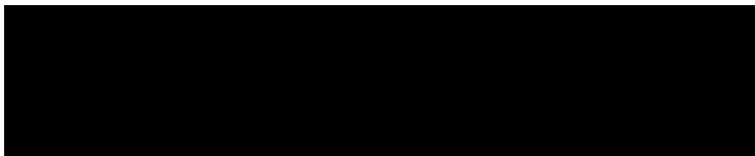
Model	Code		
A.R. Systems	1021		
Accent	1021		
Admiral	1001		
Agef	1001		
Aiko	1021		
Aim	1021		
Akai	0331	0841	1021
Akiba	1021		
Akita	1021		
Akura	1021		
Alba	0431	1021	1041
Allstar	1021		
Amplivision	1041		
Amstrad	0481	1021	
Anam	0251	1021	
Anam National	1021		
Anitech	1021		
Ansonic	1021	1031	1041
AOC	0361		
Aristona	1021		
ASA	1001		
Asberg	1021		
Atlantic	1021		
Audiosonic	0711	1021	1041
Audioton	1041		
Autovox	1001		
AWA	1021		
Bang & Olufsen	0991	1001	1051
Basic Line	1021		
Bauer	0441		
Baur	0661	1011	1021
Beko	1021	1041	
Beon	1021		
Best	1041		
Bestar	1021	1041	
Blaupunkt	0911	0921	
Blue Sky	1021		
BPL	1021		
Brinkmann	1021		
Brionvega	1001	1021	
Bruns	1001		
BSR	0841		
Bush	0751	1021	
Candle	0351	0361	
Carad	1021		
Carena	1021		
Cascade	1021		
Casio	1021		

Cathay	1021				
CCE	1021				
Centurion	0411	1021			
Century	1001				
CGE	0841	1041			
Citizen	0351	0361			
Clatronic	0711	1021	1041		
Colortyme	0361				
Concerto	0351				
Condor	1021	1041			
Craig	0251				
Crosley	0841	1001			
Crown	1021	1041			
Curtis Mathes	0161	0361			
Daewoo	0291	0301	0331	1021	
Dansai	1021				
Dantax	1041				
Dawa	1021				
Daytron	1021				
Decca	0271	0671	1021		
Deitron	1021				
Desmet	1021				
Diamant	1021				
Digiline	1021				
Dixi	0331	1021			
Drean	1021				
Dual	0891	1021			
Dual-TEC	0901				
Dumont	0841	1001			
Dux	1021				
Dynatron	1021				
Elbe	1021	1031	1041		
Elcit	1001				
ELG	1021				
Elin	1021				
Elite	1021				
Eita	0331				
Emerson	0021	0061	0071	0081	0091
	0101	0111	1001		
Envisio	0361				
Erres	1021				
ESC	1021				
Etron	0331	0841	1021		
Euroman	1021	1041			
Europa	1021				
Europhon	0671	1021			
Exquisit	1021				
Family Life	1021				
Ferguson	0711				
Fidelity	0821	1021			
Finlux	0841	1001	1021		
First Line	0841	1021			
Fisher	0171	0841	1001	1041	
Flint	1021				
Formenti	0441	0841	1001		
Fortress	1001				
Fraba	1021	1041			
Friac	1021				
Frontech	0711	0841			
Funai	0711				
Galaxi	1021				
Galaxis	1021	1041			

## Device Code List

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GBC	0841				
GE	0131	0161	0201		
GEC	0271	0671	1021		
Geloso	0841				
Gemini	0391				
Genexxa	0431	1021			
Goldstar	0031	0121	0351	0411	1021
	1041				
Goodmans	1021				
Goodmans/Tashiko	0011	0271			
Gorenje	1041				
Gradiente	1021				
Graetz	1021				
Granada	0671	0841	1021		
Grandin	1021				
Grundig	0671	0871	0951	0961	1021
Hanseatic	1001	1021	1031	1041	
Hantarex	0671	1021			
Hantor	1021				
Harwood	1021				
Hauppauge	1021				
HCM	1021				
Highline	1021				
Hinari	0841	0861	1021		
Hit	1001				
Hitachi	0181	0351	0841	1021	
Hornyphone	1021				
Hypson	1021				
Iberia	1021				
ICE	1021				
Imperial	1021	1041			
Indiana	1021				
Inno Hit	0671	0851	0861	1021	
Innovation	0951	0961			
Interfunk	0841	1001	1011	1021	1041
Internal	1021				
Intervision	1021	1041			
Irradio	0851	0861	1021		
Isukai	1021				
ITS	1021				
ITT	0751	0841	0931		
ITT Nokia	0751	0841	0931		
ITV	1021				
Jensen	0311				
JVC	0001	0261	0281	0751	
Kaisui	1021				
Karcher	1021	1041			
Kendo	1021	1041			
Kennedy	0841				
Kenwood	0361				
Kneissel	1021	1031	1041		
Kolster	1021				
Konka	1021				
Korpel	1021				
Korting	1001	1041			
Kosmos	1021				
Lecson	1021				
Lenco	1021				
Leyco	1021				
Leyco	0711				
LG	1021	1041			
Liesenkotter	1021				

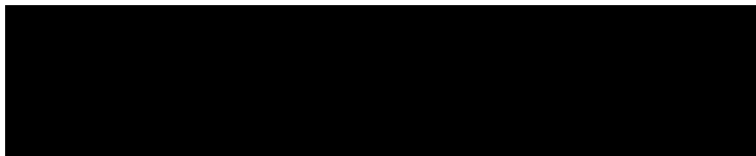


Lifesat	0951				
Lifetec	0951	1011	1021		
Loewe	1001	1011	1021	1031	1041
Loewe Opta	0661	0671	0681		
Logik	0381				
Luma	1021				
Lumatron	1021				
Lux May	1021				
Luxman	0351				
Luxor	0841				
Lyco	0711				
Madison	1021				
Magnadyne	0671	0841	1001		
Magnafon	0671				
Magnasonic	0031				
Magnavox	0341	0391	0401	0411	0421
	0581	0591	0601		
Manesth	1021				
Manhattan	1021				
Marantz	0221	0351	0361	1021	
Marelli	1001				
Mark	1021				
Matsui	0271	0331	1021		
Maximal	0841				
Mediator	1021				
Medion	0951	0961	1021		
Melectronic	1011	1021			
Memorex	0331	0351	0381	0571	
Mercury	1021				
Metz	0881	1001			
MGA	0361	0561	0571		
Micromaxx	0951	1021			
Minoka	1021				
Mitsubishi	0221	0321	0561	0571	0751
	1001	1011	1021		
Mivar	0671	1031	1041		
Montgomery	0351				
Morgan's	1021				
MTC	0351	0361	1011	1041	
Multitec	1021				
Multitech	0671	1021	1041		
NAD	0551				
Naiko	1021				
Nakimura	1021				
NEC	0241	0351	0361	1021	
Neckermann	0821	0841	1001	1021	1041
NEI	1021				
Netsat	1021				
Neufunk	1021				
New Tech	1021				
Nikkai	0271	0431	0861	1021	
Nikko	0031				
Noblex	1021				
Nokia	0751	0841	0931	0941	0971
Nordmende	1021				
Novatronic	1021				
Oceanic	0841				
Okano	1021	1041			
Opera	1021				
Optimus	0551				
Optonica	0541				
Orbit	1021				

## Device Code List

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Orion	0841	1021			
Orline	1021				
Osaka	0861				
Osaki	0271	0861	1021		
Osio	1021				
Otto Versand	0751	0841	1011	1021	
Palladium	1001	1021	1041		
Palsonic	1021				
Panama	1021				
Panasonic	0191	0251	1021		
Panavision	1021				
Pathe Cinema	1031				
Penny	0161	0351	0361	0521	0531
Perdio	1021				
Perfekt	1021				
Philco	0361	0581	0591	0601	1001
	1021	1041			
Philips	0401	0651	0691	0701	0721
	1001	1021			
Phoenix	1001	1021	1041		
Phonola	1001	1021			
Pilot	1021				
Pioneer	0511	0551	1021	1041	
Pionier	1041				
Plantron	1021				
Prandoni-Prince	0671				
Prandoni-Promce	0671				
Profex	0841				
Profitronic	1021				
Proline	1021				
Prosonic	1021	1041			
Protech	0711	0841	1021		
Proton	0351	0501			
Provision	1021				
Pulser	0351				
Pye	1001	1021			
Quasar	0251				
Quelle	0641	1011	1021		
R-Line	1021				
Radialva	1021				
Radiola	1021				
Radiomarelli	1001	1021			
RadioShack	0541	1021			
Radiotone	1021	1041			
RCA	0051	0141	0151	0181	0411
	0491	0531			
Realistic	0541				
Recor	1021				
Rectiligne	1021				
Rediffusion	0841	0931			
Redstar	1021				
Reflex	1021				
Revox	1021	1041			
Rex	0891	0901			
RFT	1001	1031	1041		
Roadstar	1021				
Robotron	1001				
Rodex	1021				
Royal Lux	1041				
Saba	0671	1001			
Saisho	0331				
Salora	0821	0841			



Sambers	0671				
Sampo	0361				
Samsung	0331	0341	0351	0361	0711
	0861	1021	1041		
Sansui	1021				
Sanyo	0171	0231	0271	0751	1021
	1031	1041			
Save	1021				
SBR	1021				
Schneider	0891	0901	1021		
Sears	0161	0171	0351	0481	0521
SEG	1021				
SEI	0841	1001	1021		
Seleco	0891	0901			
Sharp	0461	0471	0541	0611	0621
Siam	1021				
Siarem	0671	0841	1001		
Siemens	0861	0911	0921	1021	
Siera	1021				
Siesta	1041				
Signature	0351	0381			
Silva	1021				
Silver	0711	1021			
Simpson	0581				
Singer	1001	1021			
Sinudyne	0841	1001	1021		
Sky	1021				
Solavox	0861				
Sonitron	1041				
Sonneclair	1021				
Sonoko	0711	1021			
Sontec	1021	1041			
Sony	0371	0451	0631		
Soundwave	1021				
Squareview	0481				
Standard	1021				
Starlite	1021				
Stern	0891	0901			
Strato	1021				
Sunkai	1021				
Sunstar	1021				
Sunwood	1021				
SuperTech	1021				
Supra	0351				
Sylvania	0361	0441	0581	0591	0601
Symphonic	0481				
Tandberg	0681	0761	0881		
Tandy	0271	0431			
Tatung	0271	0671	1021		
Tcm	0951				
Teac	1011	1021			
Tech Line	1021				
Techwood	0351				
Teknika	0351	0381	0571		
Telecor	1021				
Telefunken	0691	0731	0741	0771	0781
	0791	0811	0981		
Telefusion	1021				
Telegazi	1021				
Telemeister	1021				
Telesonic	1021				
Telestar	1021				

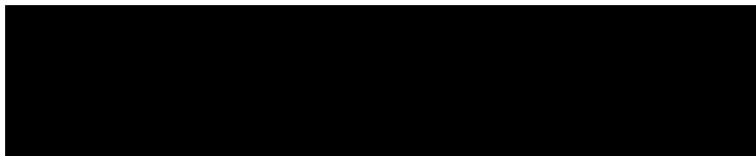
## Device Code List

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Teletch	0331	1021			
Tempest	1021				
Tennessee	1021				
Tensai	1021				
Tera	0501				
Tevion	1021				
Thomson	0691	0731	0741	0771	0781
	0791	1021			
Thorn	1011	1021			
Thorn-Ferguson	0711				
TMK	0351				
Tokai	1021				
Toshiba	0351	0521	0751	0801	
Trans Continens	1021				
Transonic	1011	1021			
Triumph	0671	1021			
Uher	1021	1041			
Ultravox	0841	1001	1021		
Unic Line	1021				
United	1021				
Universum	0711	1011	1021	1041	
Univox	1001	1021			
Vector Research	0361				
Vestel	1021				
Vexa	1021				
VideoSystem	1021				
Vidikron	0211				
Vision	1021				
Vortec	1021				
Voxson	1001	1021			
Waltham	1021				
Wards	0361	0381	0451	0541	0581
	0591	0601			
Watson	1021				
Watt Radio	0841				
Wega	0841	1001	1021		
Weltblick	1021				
Wharfedale	1021				
White Westinghouse	1021				
Xrypton	1021				
Yamaha	0361				
Yamishi	1021				
Yokan	1021				
Yoko	1021	1041			
Zanussi	0891	0901			
Zenith	0011	0041	0381		

## SAT/CBL

Model	Code	
ABC	0253	0373
Akiba	0963	
Alba	0963	
Allsat	0923	
Alpha Star	0773	
Amstrad	1143	
Ansonic	0953	
Antronix	0133	
Archer	0133	0283
Astra	1053	
Autovox	1113	
BB	0073	

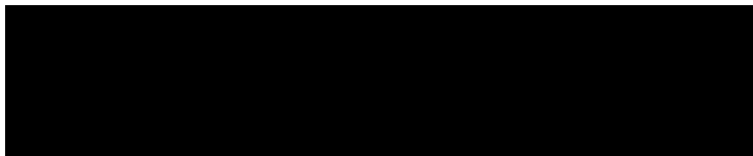


Beko	0963				
British Sky Broadcasting (BskyB)	1143				
BT	1033				
Cabletime	0163				
Canal Digital	0943				
Canal Satellite	0943	0953			
Canal +	0863				
Canalt	0943				
Carena	0963				
Clyde Cablevision	0193				
Colour Voice	0303	0343			
Comtronics	0213	0273			
Conrad	1063				
Cyrus	0923				
D-Box	1073	1213	1253		
DNT	0923				
Dual	1113				
Eagle Comtronics	0273				
Eastern	0063				
Echostar	0783	0943			
Electricord	0203				
Electus	0263				
Ferguson	1113				
Finlandia	0963	1053			
FinLux	0963				
Flint	0963				
GE	0113	0123			
GEC Cable System	0193				
General Instrument	0793	0803			
Gold Box	0943	0953			
Gooding	1023				
Goodmans	0403	0963			
Granada	1053				
Grundig	0973	0983	1023	1143	
Hamlin	0633	0643	0653	0663	0673
Hirschmann	1063				
Hisawa	0963				
Hitachi	0753	0963			
HTS	0783				
Hughes Network Systems	0813				
ITT	1053				
ITT Nokia	1163				
Jerrold	0253	0433	0593	0603	0613
	0803	0823			
JOK	1033				
JVC	1023				
Kathrein	0923				
Luxor	1053	1063	1073		
Magnavox	0003	0413	0423	0763	
Mamm	0293				
Manhattan	0963				
Marantz	0923				
Maspro	0973	1113			
Matsui	1023				
MediaSat	0943				
Memorex	0003	0383	0763		
Minerva	1023				
Mitsubishi	1053				
Mivar	0953				
Movie Time	0143	0203			
Myriad	0923				

## Device Code List

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Nokia	0963	1053	1063	1073	1083
	1203	1223	1233	1243	1263
	1273				
Northcoast	0013				
NSC	0143				
OAK	0103				
OAK Sigma	0533	0543			
Ondigital	0933	1013	1093		
Pace	0903	0963	1093	1103	1113
	1123	1133	1143	1153	1223
Palladium	1023				
Panasat	1173				
Panasonic	0443	0453	0463	0473	1143
Panda	0963				
Paragon	0383				
Philips	0003	0033	0213	0303	0313
	0323	0333	0343	0413	0423
	0763				
(Philips)	0913	0923	0933	0943	0953
	0963	0973	0983	0993	1003
	1013				
(Philips)	1023	1033	1043	1223	
Pioneer	0003	0083	0553	0693	0943
Premiere	0943	0953	1073		
Primestar	0803	0823			
Pulsar	0383				
Promax	0963				
Radiola	0923				
RCA	0833				
RCA Digital Satellite System		0393	0403		
Realistic	0133				
Regency/Eastern	0683				
RFT	0923				
Runco	0383				
Saba	1033	1113			
Sabre	0963				
Sagem	0963	1183			
Salora	1053				
Samsung	0273				
Schneider	0983	1113			
Scientific Atlanta	0363	0563	0573	0583	
Sedeia	0863	0873	0883		
Signal	0273				
Sky	0893				
SL Marx	0273				
Sony	0843	1143			
Spectavision	0233				
Standard Components	0183				
Starcom V	0253				
Stargate	0273				
Strong	1173				
Sylvania/Texscan	0373	0493			
Tandberg	1193				
Tantec	0963	1113			
Teknika	0173				
Teleservice	0053				
Television	0273				
Texscan	0183	0373			
TFC	0023				
Thomson	0943	0963			
Tocom	0223	0353	0503	0513	0523
Toshiba	0383	0853			



Tps	0873	1183		
Tudi	0043			
Universum	1023			
Uniden	0763			
Unika	0133			
Universal	0133	0153	0203	0283
Ventana	0923			
Videoway	0093			
Viewstar	0213			
Wisi	0963			
Xsat	0883			
Zenith	0243	0383	0483	

## CD

Model	Code				
Acoustic Research	1346				
ADC	0076	0116			
Adcom	0256	0306	1066		
ADS	0316				
Aiwa	0346	0996	1086	1106	
Akai	0226	0536	0586		
Alpine	1266	1356			
Audio-Technica	0596				
BSR	0296	0706	0826		
California Audio Lab	0106				
Cambridge Audio	1416				
Capetronic	1256				
Carrera	0296				
Carver	0336	1186			
Casio	0396				
Crown	0236				
Curtis Mathes	0396				
Denon	0326	0926	0936		
Dual	0556				
Dynamic Bass (h)	0606				
Emerson	0256	0376	1156		
Eroica	1326				
Fisher	0146	0606	0976	1056	
Garrard	0416				
Genexxa	0356	0376	1156		
Goldstar	1186	1276	1316	1386	
H/K	0156	0226	0516	1046	
Hitachi	0246	0256	0556	0866	
Inkel	0166	0446			
JVC	0366				
Kenwood	0096	0146	0456	0636	0776
	0786	0796	0806	0946	
Kyocera	0076				
Luxman	0126	0476	0726	0756	0766
	1036				
Magnavox	0216	0266	0696	1006	
Marantz	0266	0286	0426	0836	1396
Mcintosh	0406	1136			
MCS	0956	1366			
Memorex	0256	0276	0286	0356	0376
	1156				
MGA	0186				
Mission	0266				
Mitsubishi	0186	0496			

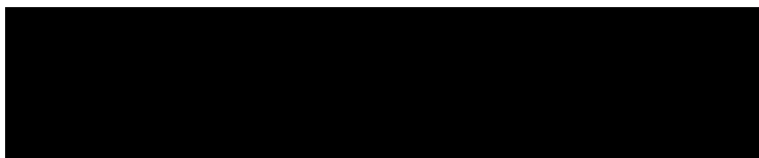
## Device Code List

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MTC	1306				
NAD	0086	0666	0736	0746	
Nakamichi	0176	0486	0566		
NEC	0306	0956	1016		
Nikko	0596	1056			
Onkyo	0206	0506	0546	0856	1206
Optimus	0276	0296	0606	0646	0896
	0906	0916	0946	0986	
Panasonic	0106	0876	1146	1176	
Penny	0956				
Philips	0216	0266			
Pioneer	0356	0986	1096		
Proton	0266	1236			
Quasar	0106				
RCA	0256	0966	1166		
Realistic	0256	0276	0286	0376	0606
	0896				
Revox	1226				
Rotel	0006	0016	0026	0036	0046
	0266				
Saba Telecommander (e)	0556				
SAE	0266				
Samsung	1336				
Sansui	0266	0676	1026	1076	1156
Sanyo	0196	0606	0686	0816	
Scott	0376	1156			
Sears	0396				
Sharp	0286	0716	0946	1116	1126
Sherwood	0166	0286	0446	0526	
Siemens Garrard	1296	Signature		0226	
Sontec	1216				
Sony	0116	0616	0916	1196	
Staron	1286				
STS	0076				
Sylvania	0266				
Symphonic	0386				
Tandy	0356				
Tangberg	1246				
Teac	0286	0386	0436	0576	0846
	0886	1406			
Technics	0106	0656	1146		
Techwood	1376				
Telefunken	0556				
Thomson	0556				
Toshiba	0086	0736			
Vector Research	0116	1186			
Victor	0366				
Wards	0226				
Yamaha	0056	0066	0136	0466	0596
	0626	1116			

## DVD

Model	Code			
Akai	0068			
Denon	0208			
Finlux	0278			
Goldstar	0278			
Grundig	0288			
Hanseatic	0278			
Harman/Kardon	0318			
Hitachi	0308	0338	0378	



JVC	0098	0188	0288		
Kenwood	0158				
LG	0278				
Linn	0358				
Loewe	0288	0368			
Marantz	0218	0288			
Magnavox	0138				
Micromedia	0288				
Micromega	0288				
Mitsubishi	0148				
NAD	0328				
Onkyo	0078	0138			
Optimus	0228				
Panasonic	0038				
Philips	0108	0138	0218	0288	0368
Pioneer	0118	0128	0198	0228	
Proscan	0168				
RCA	0168				
Rotel	0008				
Salora	0278				
Samsung	0088	0338			
Sharp	0048				
Sherwood	0238				
Shinco	0258				
Sony	0028	0268	0348	0388	
Sony-PS2	0298				
Teac	0278				
Technics	0038				
Theta Digital	0228				
Thomson	0178				
Toshiba	0058	0138			
Universum	0278				
Xbox	0398				
Yamaha	0018	0138	0148	0158	0168
Zenith	0138	0248	0278		
3Dlab	0288				

## Service Information

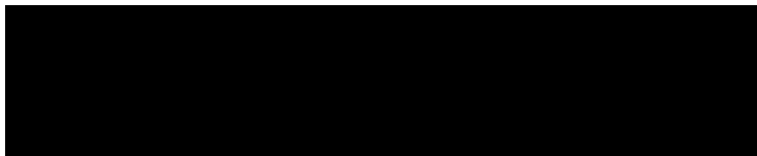
The Halcro Logic Universal Touch Screen Remote (UTSR1) and Docking Station have been designed for maximum reliability. If a problem does occur with your unit, please contact your dealer. Do not open the cover, or try to modify or repair the products yourself.

Contact your dealer to help you with some trouble shooting prior to organizing service for your UTSR1 and Docking Station. Your dealer or HALCRO's service department will always try to help you correct any basic problems at your home via email or telephone.

If service is required, all problems must be described in as much detail as possible. This will help streamline the service process.

Return Authorization from HALCRO prior to shipment must be obtained for any service requirements. To obtain this authorization, please ask your dealer or email us at [service@halcro.com](mailto:service@halcro.com)

HALCRO will not be responsible for any damage caused to your products during shipping due to improper packaging.



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## Warranty Information

IMPORTANT - Please read the following details very carefully.

The Halcro Logic Universal Touch Screen Remote (UTSR1) and Docking Station are warranted to be free of defects if used under normal conditions for a period of ninety (90) days from the date of purchase. To extend the warranty period to twelve (12) months, please complete and return the warranty registration form.

Do not attempt to open the product. Breaking the seals will void the warranty and all service, repair and freight costs will be charged to the owner. Willful damage, tampering, and damage caused by moisture are not covered by the warranty.

The warranty will only be recognized by HALCRO if a copy of the original receipt from your dealer showing all details including the date of purchase, accompanies the completed warranty registration form. The warranty period will commence at the date of purchase, not at the date the warranty registration form is received by HALCRO.

Return Authorization from HALCRO prior to shipment must be obtained for any warranty requirements. To obtain this authorization, please email HALCRO at [service@halcro.com](mailto:service@halcro.com)

The warranty registration form is included in this owner's manual on the following page. Please cut it out carefully and return it to HALCRO. You will find HALCRO's address and facsimile details on the warranty registration form.

The logo for HALCRO Logic, featuring a stylized icon of three vertical bars of increasing height to the left of the text "HALCRO Logic".

HALCRO Logic

## Warranty Registration Form

Title.....First Name.....  
Surname.....

Date of Birth:  
Day.....Month..... Year.....

Address: .....  
.....  
.....

Zip/Postcode:..... Country: .....

Phone Numbers:

Home ( ) .....

Work ( ) .....

Facsimile Numbers:

Home ( ) .....

Work ( ) .....

Email Address:.....

Model Number .....

Serial Number .....

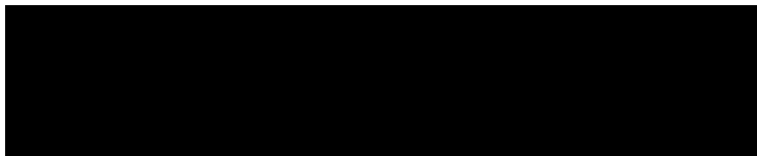
Date of Purchase:  
Day.....Month..... Year.....

Purchased From (Dealer Name):.....  
.....

Please complete all sections of the form and attach a copy of the original receipt for the warranty to be accepted. Please refer to the previous page for details of the warranty period for your model.

Post to: HALCRO, 8 Greenhill Rd  
Wayville,  
South Australia 5034

Fax to: +61 8 8372 7825



)))HALCRO Logic



Rev 1.1

