Orcomm Touch Screen Firmware release notes

Version 103.130.124 Release (November 2018)

Applicable to the following models: ORC-4T, ORC-7T, ORC-7TF, ORC-10T

New features

- Integration with new Orcomm Toolbox software

  All monitors now integrate with the newly released Orcomm Toolbox support software package. The Orcomm Toolbox includes multiple utilities to provide a greatly improved and simplified way to install, provision and commission Orcomm products. These utilities include a new Upgrade tool (for both single and batch upgrades) and a Provisioning tool to quickly provision all units installed on a site with the required intercom and network settings.

  For more information on the Orcomm Toolbox, please see https://orcomm.co.uk/downloads/

- Factory reset option

  A new factory reset option has been added to completely reset the monitor to default factory settings. This will clear any rooms/lights that have been set up and reset all network and intercom settings. All user settings, including any scenes and paired devices, will also be reset/cleared. This option is available within the advanced settings menu on the monitors, or in the advanced menu on the web interface.

- Custom lighting steps

  This release adds the ability to set custom brightness values for each light. By default, the monitors have a pre-selected list of brightness values which control what brightness level is set on each light during dimming. If required, these values can be changed to provide greater control over each light's brightness levels in order to present a smoother dimming experience to the user.

- Lift controller options

  Lift controller configuration options have been added to the web interface in the advanced menu (they can additionally be set in the Provision section of the Orcomm Toolbox). If there is a lift controller available, the IP address, floor number and password of the controller can be set to allow the monitor to call the lift whenever the user presses the Unlock door button during a call.

Changes / Improvements

- Upgrade process has been refined to greatly improve reliability and reduce errors

- The Pair Phone option is now disabled by default for all models apart from the ORC-7T (this can be changed from the web interface or Provision section of the Orcomm Toolbox)

- UI controls (eg. checkboxes and radio buttons) now respect the current theme

- Bug fixes to improve system reliability and performance

Version 102.127.123 Release (September 2018)

Applicable to the following models: ORC-4T, ORC-7T, ORC-7TF, ORC-10T

New features

- Improved control of Orcomm Thermostat (ORC-HC2) via Orcomm Concierge Software Suite

  The monitors now provide the Orcomm Concierge (if available) the option to set the Set Temperature of the ORC-HC2 in addition to the "reset" function introduced in Version 102.125.121. Like the reset function, this is used primarily for PRS schemes.

- DND override from Orcomm Concierge Software Suite

  The Orcomm Concierge (if available) can now temporarily override DND status on resident's monitors. This will force the monitors to ring should the concierge need to call the resident urgently. Once the call is ended, DND status is restored.

Changes /Improvements

- Fixed issue with call volume sometimes being too low when answering incoming calls

- Moved Wi-fi setting to root settings page

- General performance improvements and bug fixes

Version 102.126.122 Release (March 2018)

Applicable to the following models: ORC-4T, ORC-7T, ORC-7TF, ORC-10T

New features

- Revamped web portal

  The web portal has been completely redesigned with a fresh new look, providing existing and new features in an easy to use format. New features available via the web portal include:

  - Manually set time & date, with the option of automatically syncing from time & date of local PC
  - Set NTP address for syncing network time
  - Set Site ID
  - Enable/Disable Wi-fi (*only available on **ORC-7T***)

Changes /Improvements

- Concierge address (if available) now added to list of potential OTA providers

- General performance improvements

Version 102.125.121 Release (January 2018)

Applicable to the following models: ORC-4T, ORC-7T, ORC-7TF, ORC-10T

New features

- Initial communication with new Orcomm Thermostat (*ORC-HC2*)

    Our monitors now have the ability to communicate with the Orcomm Thermostat. Currently, a basic "reset" function (developed for use in PRS schemes and alike) is available where issuing a reset command to the monitors (manually or via the Orcomm Concierge Software Suite) will also reset the thermostat. Further functionality will be provided in future releases.

Changes /Improvements

- Increased max number of assigned lights per room to 6

- Fixed issue where certain icons would randomly disappear

- Fixed issue which, in a small number of cases, may cause a crash when resetting the monitor to default settings

- Minor performance improvements

Version 102.124.121 Release (November 2017)

Applicable to the following models: ORC-4T, ORC-7T, ORC-7TF, ORC-10T

New features

- Scene Control *(not available on **ORC-4T**)*

    Residents now have the ability to create and edit custom scenes to control any number of lights which can be activated at the press of a button. Residents will have the option of editing pre-loaded scenes or creating brand new scenes to suit their needs.

    Using a simple and intuitive interface, residents can assign lights from one or multiple rooms to a particular scene and also set the desired brightness for each individual light. These scenes are then displayed on the main screen for easy access.

- Integration with the Orcomm Concierge Software Suite

    Our monitors have now been integrated with our new Orcomm Concierge Software Suite to provide a simple way to set up new monitors, and to allow the Concierge to communicate with residents and detect monitor status. Currently, the software suite can:

    - Send a greeting message (for new residents) and standard messages to each resident
    - Make/receive calls to/from residents and detect whether residents have selected "Do not disturb"

- o Issue "Reset" commands to reset any monitor to default settings (see Reset system settings for more information);
- o Issue "Reboot" commands to reboot any monitor
- o Scan and provision any new monitors.
- o View real time status of monitors

For more information on the Orcomm Concierge Software Suite, please see https://orcomm.co.uk/products/

- **OTA upgrade**

  A new OTA (Over The Air) upgrade service is now available to allow remote upgrade of all monitors. Whenever a new firmware version is available each monitor will connect to our OTA servers, automatically download the latest version and then present a message to the resident that a new version is available for upgrade.

  A new option called "Site ID" has been added to the Site system settings. This unique ID is provided by Orcomm and ensures the monitors download the correct firmware version applicable for the project/building site. This code can be provisioned by the Orcomm Concierge Software Suite (if available), in addition to being manually entered in the Site system settings.

  Should there be no external internet access, the option to have a local OTA server on-site is available if OTA functionality is desired.

  An advanced "Update" system setting has been added to initiate a manual check/download, with the additional option of requesting a custom update using a special code provided by Orcomm.

- **Wi-Fi connectivity** *(only available on **ORC-7T**)*

  Wi-Fi capability is now available to connect the monitor to the resident's Wi-Fi network to allow external internet access to services like weather data and OTA upgrade. Concierge/door access panel calls will be routed through the on-site LAN connection.

- **Widgets**

  A new user setting has been added to allow residents to choose which external service or "widget" to assign to the widget button on the main screen. The list of available widgets will depend on what services are available and whether they require external internet access. More widgets will be added in future firmware versions. The default widget is a simple time & date display.

- **Dynamic external internet check**

  Each monitor will automatically detect if it has external internet access and will update services/settings which may require internet access e.g. Widgets. There is a new option available in the Network system settings to manually override this check should it be required.

- **Screen brightness user setting**

  A new user setting to control the monitor's screen brightness is now available. Screen brightness will continue to respond to screen dim delay but will revert back to the resident's preferred screen brightness level whenever the resident interacts with the monitor.

- Reset system setting

  A new system setting to reset the monitor to default settings is now available. Should the monitor need to be reset, this option will clear any user preferences (e.g. theme, widgets, ringtone etc), custom scenes, saved voicemails and photos, and any paired mobile devices. This will not affect any monitor configuration settings (e.g. network, VOIP, site, location etc) or connection to any paired light switches or slave monitors.

  If the Orcomm Concierge Software Suite is available on-site, this setting can be triggered remotely by the Concierge.

- Date & time system setting

  A new system setting to control the monitor's date and time has been added. The displayed time format can be changed to 12 hr or 24 hr, and date & time can be set manually or retrieved from a custom NTP server.

- Location system setting

  A new system setting to set the monitor's current location is now available. Some services (e.g. weather) require an accurate location to present the resident with the correct information. Although the monitor will usually obtain the correct location automatically, this can be overridden manually by searching for the location by name or postcode.

Changes/Improvements

- Modified the monitor/mobile device pairing flow to provide the resident with improved visual feedback indicating whether pairing a mobile device has succeeded. Also added a dialog showing what mobile devices are currently paired and an option to "revoke" a particular device's permission and remove it from the system.

- Improved the communication between master, slave monitors and paired mobile devices. Slave monitors and paired devices will receive any room, light and scene data from the master monitor. Any commands issued from either the master or slave monitor/paired devices will update the status on the other monitors/devices. Reading any message or missed calls will similarly update the status of the message/call on the other monitors/devices.

- When in a call, outbound video from the monitor is always disabled by default. However, the resident can now choose to enable outbound video during the call. A new intercom option to remove the ability to enable video output has been added should the resident want to completely disable outbound video.

Extra information

- Version 1.0 of the Orcomm Smart Home app for both Android and iOS will no longer work with this version. Apps **must** be upgraded to Version 1.1 in order to pair successfully (devices will have to be paired again to connect).

Applicable to the following models: ORC-4T, ORC-7T, ORC-7TF, ORC-10T

New features

- Lighting control *(not available on **ORC-4T)***
  - Turn individual lights on/off in different rooms
  - Dim lights up/down (dimming capable lights)
  - Hot keys on home screen to turn all lights off/low/on
  - Dynamically add/remove/edit rooms
  - Assign lights to each room based on type (normal/dimming)

- Weather
  - Displays a summary of the current weather and max/min temperature on the home screen
  - Detailed screen of current day's weather and a 5-day forecast

- Do not disturb mode (DND)
  - Hot key on home screen to turn DND no/off
  - Customisable timeout setting to turn mode off after set period of time

- Calling
  - Receive incoming calls
  - Hot key on home screen to make outgoing calls to Concierge service (if available)
  - View video feed from outdoor wall panels when receiving a call
  - Unlock door from call screen before/during call
  - Mute mic/speaker during call
  - Take screenshots/video recording of call (if service available)
  - Enter special door commands from call screen (if service available)

- Notification Log
  - Dynamic hot key on home screen which presents a visual notification of any missed calls/unread messages and opens a detailed screen of all received notifications (depending on model, this will be either a separate hot key or combined with the Concierge hot key)
  - View missed calls, read messages and watch/listen to voicemails (if service available)

- Mobile device pairing
  - Pair any number of mobile devices (phone/tablets) via a scannable QR code to control smart home system from mobile devices (currently devices must be on same local network)

- News Feed
  - Live news feed displayed in an interactive/scrollable bar on bottom of home screen

- Customisation
  - News feed – Change live news feed based on pre-set list of news feed options
  - Theme – Pre-set list of colour themes to customise look and feel of display
  - Screen timeout – Dim screen brightness after set period of time

- o Intercom – Enable voicemail recording (if service available) and change default speaker volume level when receiving/making calls
- o Ringtones – Pre-set list of ringtones to assign as ringtone for incoming calls
- o Recordings – View list of screenshots/videos taken from previous calls (if service available)

- Advanced settings
  - o View/edit advanced system settings (protected by admin password) - network settings, VOIP/SIP settings and building site settings
  - o View basic information about the system - IP address, MAC address and firmware version