

Firmware 1.11 Release Notes

The following document is a list of new compatible hardware and software improvements and resolutions implemented with X-System firmware version 1.11. See the following X-System support pages for more helpful system documentation and video tutorials: [X-System \(FBS, FCS\)](#), [X-System \(ATA Package\)](#), or [X-System \(X2 - High School, Small College\)](#).

New Compatible Hardware

- Radio Packs (XRP-22-900, XRP-22-2400, XRP-44-900, and XRP-44-2400): Two new Radio Packs are now compatible with X-System. These include a 2-Volume / 2-Talk radio pack which supports up to two conferences with simultaneous listen and talk along with a 4-Volume / 4-Talk radio pack which supports up to four conferences with simultaneous listen and talk.
- X-Player and Referee Interrupt Products:
 - Important Note:** Products and software associated with X-Player and Referee Interrupt are only functional with the X-Player upgrade package.
 - » X-Player Kit: The new XRP-CP01-900 Player-worn Radio Pack Module with applicable accessories allows for coaches to communicate with players in a practice or game day environment.
 - » Referee Interrupt Switch and Cables: As part of the X-Player workflow and integration, CoachComm has built in the ability for a referee interrupt or mute function. This function will mute all communication to X-Player modules (for both teams in a game day environment) through the use of a Referee Interrupt Switch that can be connected either wired or wireless through an existing X-System.
 - » Confidence Indicator Light: To add confidence that the X-Player modules are being muted, a Confidence Indicator Light has been added that should be installed on a Radio Transceiver (RT) located on the X-System's mast.
 - » X-System HUB: The X-System HUB is only installed and used in X-Systems where the X-Player upgrade package has been activated. The X-System HUB allows expanded X-Net connectivity needed for X-Player integration into X-System.
 - » X-Player I/O Panel: The X-Player I/O Panel contains connections needed for X-Player integration with X-System.

Firmware Details:

Version	1.11.0.3
Release Date	September 2022
Affected Models	All Radio Packs, All CUs, All RTs, All X-Player Modules, All Hubs (Fiber and Copper)
	CBT-RPC-66: 6+6 Drop-In Charger

New Features

- High Density: High Density Operational Mode greatly increases the overall number of users on X-System allowing up to 32 RPs or X-Player Modules to log into a single RT where any 4 of the RPs can communicate in full duplex. High Density Operational Mode set by RT and RP Profile settings.
 - Important Note:** For best system performance, it is recommended that Normal-mode RTs and High Density-mode RTs be separated. Overall range may be affected as the distance of separation is decreased. Call Customer Support for deployment recommendation.
- X-Player Software Support: X-Player integration into the X-System is seamless as software connectivity will allow for full control and routing of audio from coaches to players as needed.
 - » The XRP-13 now supports the ability to communication with X-Player modules through the function buttons. This functionality can be chosen in X-Ware's Advanced Settings in the RP Profile Function Button assignments.
 - » Software supports player positions and player numbers on the X-Player profile. The position and number will display on the player icon on the X-Ware Home Screen for easy identification of players on screen.
 - » X-Player modules support both Normal and High Density Mode Operation.
 - Important Note:** Products and software associated with X-Player and Referee Interrupt are only functional with the X-Player upgrade package.

- Referee Interrupt Software Support: X-System products and X-Ware have both been updated to accommodate the muting of only player communications by an official in both wired and wireless configurations.
 - » The XRP-13, XRP-22, and XRP-44 can now be set as a Referee Pack that has the ability to mute all coach to player communication. This functionality can be chosen in X-Ware's Advanced Settings in the RP Profile Device Type selection. (Referee Profiles cannot be set to High Density Mode.)
 - » The player communication status can be seen on the X-Ware home screen as a tray icon and on the player and referee icons.

Important Note: *Products and software associated with X-Player and Referee Interrupt are only functional with the X-Player upgrade package.*

Note: *Referee Interrupt can only be used in a wireless configuration in X2 Systems.*
- XRP-22 and XRP-44 Software Support: Changes to the X-Ware home screen and Advanced Settings for the new RP options have been included in version 1.11.
 - » The X-Ware Home Screen RP icons now include a banner on the bottom if they are XRP-22 or XRP-44 to indicate the multiple conferences talk and volume status.
 - » XRP-22 and XRP-44 supports both Normal and High Density Mode Operation.

Note: *XRP-22 and XRP-44 do not support coach to player communication using the function buttons.*
- Audio Recorder: A new Click-to-Record function has been added that allows for up to two selectable conferences to be recorded on the system's PC. These audio files (.mp3) can then be used for further off-line evaluation or for troubleshooting when necessary. This function can be found by selecting the Conferences view from the X-Ware home screen.

Note: *Audio Recorder function requires installation of 6-Foot 3.5mm TRS to Dual 1/4 in. TS Stereo Audio Breakout Cable (CAB-6MTRS-C2R) into X-System.*
- 2-Wire Mute/Activation: This function allows the user to mute all 2-wire ports or activate all 2-wire ports. This function can be found by selecting the Conferences view from the X-Ware home screen. X-Ware also indicates with a Wired Interface Status icon whether any ports are muted (red with black line) or all ports active (green Wired icon).

Note: *This function is not currently available for X2 Systems.*

Enhancements

- Sync In Status Indication: In addition to the current LED indication near the Sync In connector on the CU, now the Sync In Status Indicator is visible on the primary CU menu screen, System Diagram View, CU Management Tab, and top right with the Mini View Toggle and X-Ware Access Rights Lock. The Sync Indicator can also be seen on the X-Ware Home Screen as an icon in the tray.
- RP Summary: The number of Radio Pack Pairings and Active Connections to the CU for both Normal and High Density Mode RPs now shows on the CU LCD as well as in X-Ware Advanced Settings under the Device Management tab > Control Units.
- Mic Kill:
 - » Functionality extended to XRP-22 and XRP-44.
 - » X-Ware can now initiate a mic kill signal on all packs on a conference as well as applicable 2-Wire intercom ports.
- New Pack Icons have been added for the Player Modules and for Referee Packs.
- New Home Screen filters have been added to view Player Icons and to view Referee Icons.
- New Tray Icons have been added to indicate Player Communications Status, Sync Connection Status, Wired Interface Status, and Audio Recorder Status.
- Enhancements for XRP-22 and XRP-44:
 - » New Min/Max Volume sliders have been added to X-Ware's Modify view in the front end to accommodate multiple conferences' audio.
 - » Coach RP Icons on the Home Screen have been updated to easily view the volume and talk status of the multiple conferences supported by the new RPs.
- The Radio Pack View has been updated to show function button assignments and status.
- The RT firmware version information is now displayed in the CU menu under Device Settings > Radio Transceivers > Sort By > XRT_ > Firmware Version.
- General bug fixes and enhancements to user experience.

Resolutions/Improvements (Affects CUs Only)

- “NO CCF FOUND” Fix: Resolves an issue where, in some instances, a “NO CCF FOUND” message was seen in two-CU systems where the secondary CU was unable to load the configuration file and continue with the boot up process.
- Sync Disconnected Message in X-Ware: Corrects an issue where when using an external sync input to the system, there would be occasions where the Sync In indication would erroneously show that external sync input had been disconnected.
- Logging Function in X-Ware: A logging function has been added to X-Ware that will be used for debugging and reporting important system information.

Operational Notes

- In order to complete this firmware version update, the X-System PC must have Microsoft .NET version 4.8 or higher. This can be downloaded from the same location as X-Ware 1.11. Follow the on-screen prompts after downloading the file.
- When updating firmware from previous versions, you should follow the latest firmware update instructions. When updating firmware from version 1.1 or older, CoachComm recommends an incremental firmware update to version 1.5 before updating to version 1.11.

For assistance with your X-System, please contact CoachComm’s Customer Support department at 1.800.749.2761.