

## Nx Talkshow Systems – Nx12, Nx6, iQ6

Version 1.6.0r

(16 September 2011)

- Added support for AP's EnblocDial command when using POTS lines
- Webpage meters calibrated
- Livewire Routing Protocol meter data is scaled correctly
- Corrected a problem with Busy All being used on two studios when some lines are not shared
- Nx12 and Nx6 now support the Livewire Control Protocol used by newer Axia products
- Software update is no longer aborted if browser refreshed System page very quickly after sending the update package
- Reordered webpage header to match homepage
- "Ring mute ignore" is resent after disconnecting and reconnecting a desktop director while ring mute is asserted
- Optimizations to Assistant Producer messaging
- Added the ability to assign names to lines
- Added option to ignore ring mute commands on a per-Desktop Director basis
- Added diagnostics to web interface
- Desktop Director stability fix
- Send dial key messages to any AP client attached to a director when the line is dialed
- Corrected meter levels in +9dBu and -9dBfs PML modes
- Only send extended-director status messages when in 4-column show mode
- Fixed a crash on the Livewire webpage
- Reduce system messages generated when new control interfaces connect
- Prioritize HDLC message transmission for DD stability with high load
- Fix for a resource management issue associated with restarting Assistant Producer
- Correct the ISDN clock source logic for lines that have not yet had an audio channel
- Allow studio to seize and enbloc dial lines that are below 'idle' state on ETS-300 ISDN
- Allow a clear of 'busy all' to clear all busied-out lines, regardless of line type
- Resolve line state differences with two studios using shared lines (locally or 2-Nx12 POTS line sharing) when each studio uses Busy All at the same time
- Reword GPIO input selection on setup wizard webpage
- Added option to exclude priority lines from Next queue (see webpage)
- Fixed crash when assigning line to hybrid before ISDN B-channel audio is available

Version 1.5.0r (6 October 2010)

- Added support for Axia iProbe management
  - Note that backing up settings currently only backs up Livewire-related settings
- Fixed a problem that prevented POTS line sharing from working
- Change to CPTD to improve detection of call progress tones with to-caller audio present
- Improved compatibility of ISDN message sent to callers of busied-out lines
- Corrected a condition that could cause a line to not be busied out when Busy All active
- Blocked/Unavailable caller ID was mistakenly redisplaying last call's valid caller ID
- Settings backup/restore page works properly with Internet Explorer
- Settings backup/restore page enhancements
- iQ6: studio's line handling state shown on status webpage (in addition to physical state)
- iQ6: resolved boot-time intermittency of some processing functions
- iQ6: Added PLL lock status to frontpanel

Version 1.4.0r

(11 June 2010)

- Corrected missing 'to caller' audio when the first caller of a large conference drops
- Incoming calls rejected due to Busy All now return the proper cause code on ISDN
- Busy All line status is now reflected on frontpanel and webpage
- Settings backup and restore added to webpage
- Status webpage updates without refreshing
- The Setup Wizard page loads much more quickly
- Axia Element control surface correctly displays state of shared POTS lines
- Corrected behavior when two Nx systems are sharing a POTS line and both systems are also using Auto Answer to Hold
- Speakerphone mode now toggles off when switching a Desktop Director between Talent and Producer mode
- System crash logs are now sent to the syslog server, if configured

Version 1.3.0r

(30 March 2010)

- Fix for studio-to-caller audio for second studio in Single and Single (Mono out) mix modes
- Added option to disallow moving locked lines between hybrids to Tel webpage
- Filled out help pages on web interface
- Fix stack overflow in LWCP message parser
- Resolved an echo canceller malfunction
- Adjusted contrast scale for new LCDs
- Frontpanel will show line status screen even if no line cards are installed
- Fix for CID differences in some regions of Canada

Version 1.2.1r

(28 January 2010)

*Please note – this list of changes is not comprehensive*

- Regional ISDN fixes
- Optional caller ID start indication on Telco web page
- Fixed DTAS caller ID interpretation
- Numerous web interface fixes and changes
  - More intuitive Livewire configuration
  - Livewire GPIO support
  - Audio level monitoring
  - Line allocation and priority status now available on Setup Wizard web page
  - GPIO input source on Setup Wizard web page
  - Fixed display of POH input sources on status web page
- Fixed missing 'to studio' audio on second show with Single Mono mixing
- Changing show mode no longer requires reboot
- Changing show lines or priority status no longer requires reboot
- Corrected operation of "Clock on BRI loss" option
- Added redial and phone book to Desktop Director UI
- Fixed hookflash function
- Added POTS line sharing between two Nx12s
- Enabled syslog support for error logging
- Added auto-answer option
- Fixed GPO 'ring in' indication
- Console controller talent/producer settings now save correctly
- Added mute and acoustic adapt commands to Assistant Producer protocol
- Fixes for Assistant Producer 'garbage characters' and 'duplicate messages'