



FILE: E:\T2-85\Release Notes\T2XL Release-6.5.wp DW REV: 0.1
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SUBJECT: Telecor II/XL V6.5.x Firmware Release Notes

This document provides a release history of Telecor II/XL 6.5.x Firmware.

Telecor II/XL V6.5.0.4

Telecor II/XL V6.5.0.4 New Features:

Improved support for custom tones with the implementation of a new tone generator similar to that found on the Telecor 3 system. This generator offers more flexibility in creating unique custom tones.

Added support for Telecor VoIP devices. The IP Amplifier, TBU-IP and IP Intercom Stations are now fully supported with the use of the Telecor IP Interface (IPI) Board in the T2/XL system card cage. Full support includes intercom, vox, paging, program & tone distribution, call-in, privacy¹, digital clocks², analog clock correction³, and EMD messaging⁴. Digital clocks, analog clocks, and EMDs connect directly to the IP Amplifier or TBU-IP for this functionality.

The T2/XL version 6.5 firmware has a new default baud rate of 38400. Previously the firmware would default to a baud rate of 9600.

Added support for the Telecor Crisis Notification Interface (CNI). T2/XL 6.5 firmware⁵ now supports the transmission of pre-recorded (.wav file format) and live emergency announcements initiated from a remote central office over a LAN/WAN to one or more T2/XL systems. In addition, pre-recorded emergency announcements can be initiated by the local T2/XL system for transmission throughout the local facility.

Added support for operation with disconnected consoles. If a console becomes disconnected (unplugged) for any reason, its incoming calls will automatically be forwarded to the next accessible console on the system. When the console is reconnected, all its operations will automatically return to normal - a system reset is not required.

¹ Privacy is currently supported by the TBU-IP. The S8-IP, S8-IP-C, and 2440-IP Intercoms do not support privacy at this time. The ICS-IP Series Intercoms and the IP Amplifier do not support the privacy feature.

² IP Amplifiers, TBU-IPs and S8-IP-C Intercom Stations support digital clock correction. Digital clock correction is not supported for ICS-IP or S8-IP Intercom Stations.

³ IP Amplifiers, TBU-IPs and S8-IP-C Intercom Stations support analog clock correction. Analog clock correction is not supported by for ICS-IP or the S8-IP Intercom Stations.

⁴ IP Amplifiers, TBU-IPs and S8-IP-C Intercom Stations support EMD messaging. EMD messaging is not supported for ICS-IP or S8-IP Intercom Stations.

⁵ In conjunction with the CNI-T2 or the CNI-XL system card.

Telecor II/XL V6.5.0.4 Improvements:

The firmware has improved the way the system memory processes Remote Serial Commands (Cancel commands) in cases where extremely high volumes of these commands may have caused a buffer over-run in system memory due to a conflict with the Echo Command (used by Visual Console for synchronization).

Improved support for leading number dialling scheme in systems interfaced with Nortel PBXs and IP-PBXs (or any other manufacturer's PBX). Where the PBX uses a # key to terminate the trunk line dialling sequence and connect to the Telecor PBI or CID board interface line, the firmware now handles the bleed-through of the # DTMF tone, thus improving processing of the subsequently dialled numbers for connection of intercom calls and pages. There is no change in the procedure for initiating intercom calls or pages on the T2/XL system.

Improved how the T2/XL firmware handles synchronization operations in cases where the T2/XL's normal operating mode could fail or stop working after using a Tel-Site sync operation to synchronize the system's EEPROM with the database file.

The T2/XL firmware has been improved in handling cases where, when using the console speaker (non-handset) during an intercom room call, serial commands to put the console into listen mode (Release-to-Listen command) would reduce the listening volume from the normally expected level.

To upgrade your firmware

If you wish to upgrade your Telecor II/XL Firmware, please contact a sales representative at (905) 564-0801 or send an e-mail to sales@telecor.com.

A Purchase Order must be issued to obtain the requested version of Firmware. By returning your original firmware to Telecor after you receive the new one, you may receive a credit to your account.