
Release Notes

Release V1.5

Released: 16 July 2014

Release V1.5 Contents

The following documentation is included in this release:

Documentation	Version	Build Date
Release Notes	Release 1.5	7/16/2014
Firmware Update Manual	Release 1.5	7/19/2014
7330 Manual	V 3.4.x	7/16/2014

The following firmware is included in this release:

Firmware	Filename	Version	Build Date
SBOOT	SBOOT_1.4.1.bin	V 1.4.1	7/14/2014
SBOOT Recovery	SBOOT_1.4.1.S19	V 1.4.1	7/14/2014
DIAG	diag_1.2.0.bin	V 1.2.0	9/4/2009
7330	7330_3.4.1.bin	V 3.4.1	7/12/2014
Speech Library, English	SpLibEng_1.2.bin	V 1.2.0	5/8/2011

The following command line utilities are included in this release:

Firmware	Version	Build Date
BuildSpeechLib.exe	V 1.0.0	9/10/2009
ScomConfigUtil.exe	V 1.0.1	7/14/2014

The following support files are included in this release:

Support Files	Version	Build Date
Speech Library Named Constants for use with Scom Programmer	V 1.2.0	5/8/2011

Release V1.5 New Features

7330 Reset Date Time: The date and time is output to the console when the controller is reset or powered on.

CTCSS Encoder: Add the “Enable/Disable CTCSS Encoder In Anti-Kerchunker No-Hangtime Mode” command. (Previously released in Version 3.3.3. See page 13-11.)

CTCSS Encoder: Add support for a CTCSS tone of 150.0 Hz. (Previously released in Version 3.3.3.)

DTMF Cover Tone: Add support for a DTMF Cover Tone on each transmitter. (See page 7-24.)

SBOOT Configuration Save/Restore: Add new SBOOT commands to save and restore configuration files. Show four configuration file storage locations on the directory. Add an Upload command to transfer configuration files from the controller to a PC. Add the configuration file storage locations to the Erase, Load and Upload command menus. (See page 8-21.)

SBOOT Load Command: Prompt to erase the selected location before loading the file.

SBOOT Time Display: Improve the date and time display format.

SBOOT X Command: Change the action of the X command to return to the 7330 instead of restarting SBOOT.

Serial Port: Add a “Set Name” command for use on the console. The name is visible as the first part of the console prompt, e.g. `Conifer:7330>` and `Conifer:SBOOT>` . (See page 8-11.)

Serial Port: Add the “Reset Console Defaults” command. This command can be entered via a DTMF decoder. (See page 8-8.)

Software Switches: Increase the number of general purpose switches from 10 to 40 as numbers 60 through 89. (See page A-46.)

User Timers: Increase the number of User Timers from 10 to 20. (See page 20-1.)

Release V1.5 Fixes

DTMF: The “DTMF Decoder Mute Hang Time for Other Characters” timer value was not being used to time the mute duration. The first character delay was being used instead for all characters. Fixed.

Macro Rename Command: The command does not work within a macro. Fixed. (Previously released in Version 3.3.2.)

SBOOT Directory Display: An extra character was sometimes displayed in the directory output. Fixed.

Scheduler: The command to delete a range of setpoints does not return OK. Fixed.

Timeout Macro Event-Triggered Macro: The Timeout and Timeout End Macro ETMs do not work in versions 3.3.1 thru 3.3.3. Fixed.

Timeout Timer: When the Timeout Timer value is changed, the new value is now used immediately.

Timeout Penalty Timer: When the Timeout Penalty Timer value is changed, the new value is now used immediately.

Release V1.5 Changes to the 7330 Manual

Various: Fixed several typos and page number references.

Table of Contents: Adjustments for new pages and commands.

Chapter 2, Getting Started: Added pages 2-3, Front Panel.

Chapter 5, Macros: On page 5-10, improve the Create Macro example.

Chapter 7, DTMF: Add pages 7-24 thru 7-26, the DTMF Cover Tone description and the Select DTMF Cover Tone Interval and Select/Review DTMF Cover Tone Message commands.

Chapter 8, Serial: Rearrange the chapter.

Chapter 8, Serial: Starting on page 8-21, add the description of the Configuration Management features of the controller and the SBOOT commands.

Chapter 8, Serial: Starting on page 8-27, add the description of the S-COM Configuration Utility, the generated report, and the generated script.

Chapter 13, CTCSS Encoder: On page 13-6, add tone number 64, 150.0 Hz to the table.

Chapter 13, CTCSS Encoder: Add page 13-11, the Enable/Disable CTCSS Encoder In Anti-Kerchunker No-Hangtime Mode.

Chapter 20, User Timers: Throughout the chapter, change the total number of User Timers from 10 to 20. Change the valid range to specify a User Timer from 00-09 to 00-19.

Chapter 23, Custom Audio Library: Update the Audacity instructions to Audacity Version 2.0.

Appendix A, Programming Tables: Add table of contents for this chapter. Add the CTCSS Tone Number table. Add the new software switches and commands.

Firmware Update: A Controller Recover section has been added to the end of the document to help owners that have “bricked” their controllers during a firmware update.

Release V1.5 Known Issues

Analog-to-Digital Converter: The support for measuring external analog inputs is not yet available.

Audio Delay Adjustment: When the Audio Delay potentiometer is turned full counter-clockwise for no delay and the controller power is removed and restored, there may not be any repeated audio from the receiver input. If no audio delay is required for a receiver, move the DLY jumper to NODLY instead of setting the potentiometer to minimum.

Command Response Routing Command: Root number 91 is not yet available and is not documented in the manual. By default, message responses are heard on the port that the command was entered. For scheduler macros, messages are heard on port 1.

Firmware Update: Procomm XModem transfers do not work reliably.

Remote Base: The Doug Hall RBI-1 remote base support is not yet available.

Release V1.5 Cautions

The next firmware release should not require a *Cold-Start* of the controller. It is always good practice to document your programming so that you can reprogram the controller if required. It is recommended that you enter commands in a text file so that you can send these to the controller. (See *Chapter 8, Serial Port*, for more information on sending commands from a text file.)