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# Release Notes

## Release V1.2

**Released: 21 March 2009**

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### Release V1.2 Contents

The following documentation is included in this release:

Documentation	Version	Build Date
Release Notes	1.2	3/21/2009
Firmware Update Manual	1.2	3/21/2009
7330 Manual	3.1.0	3/21/2009

The following firmware is included in this release:

Firmware	Version	Build Date
SBOOT	1.1.0	9/6/2008
DIAG	1.1.0	9/6/2008
7330	3.1.0	3/21/2009
Speech Library	1.0.0	7/16/2008

The following support files are included in this release:

Support Files	Version	Build Date
Speech Library Named Constants for use with Scm Programmer	1.0.0	7/16/2008

## Release V1.2 Changes

**Anti-Kerchunker:** The Anti-Kerchunker with No Hangtime did not work properly when combined with a flutter filter value greater than zero. Fixed.

**Anti-Kerchunker:** A brief key-up during the key-up delay with No Hangtime Mode enabled caused an ID message to play. The ID should wait until the key-up delay completes. Fixed.

**Clock and Calendar:** Automatic Daylight Saving Time Adjustment didn't work in the Fall. Fixed.

**Firmware Update:** Firmware update from any Beta to V1.x still requires a jumper to be installed within the cabinet. Firmware update from V1.x to future firmware versions no longer require the installation of the jumper. See the *Firmware Update* document for details.

**Front Panel:** ENC LEDs are sometimes on after a power cycle and before the transmitter PTT has been keyed. Fixed.

**Rename Macro Command:** The command to rename a macro did not work within a macro. Fixed.

**Cold Start Message:** The Cold Start Message has been changed from “?RES C” in CW to “SCOM 7330 Version *version number* Cold Reset” in speech.

**Warm Start Message Default:** The Warm Start Message default value has been changed from “?RES” in CW to “SCOM 7330 Version *version number*” in speech.

**Message Handler:** An Interruptable Message with multiple Primary Message sections didn't skip all the Primary Message sections when the first one was interrupted. Fixed.

**Message Handler:** Message Run-Time Variables used in Primary Messages were not interruptable. Fixed.

**Message Handler:** Message Run-Time Variables used in Secondary Messages always played. Fixed.

**Message Handler:** Undefined Message Run-Time Variables are now skipped instead of being replaced by 9810.

**Message Handler:** Default Message Levels were not initialized properly until after they were used once. Fixed.

**Message Handler:** The command to set the Beep and Dual-Beep Default Beep Gap did not allow a value of zero to be entered to disable the gap. Fixed.

**Message Handler:** Previous versions of the controller did not support adding a pause within a speech message. There is now a new Speech Intra-Message Delay that allows delays up to 9.9 seconds.

**Scheduler:** A setpoint for the second Thursday actually executed on the third Thursday. Fixed.

**Scheduler:** Day Codes specifying Last-Day-Of-The-Month did not work. Fixed.

## Release V1.2 Changes to the 7330 Manual

**Various:** Fixed several typos and page number references.

**Table of Contents:** Rearrange the Chapter 10 page references to match the chapter update.

**Chapter 2, Getting Started:** Add a recommendation to set the clock and calendar to keep track of firmware update changes as well as for use in speech and CW messages.

**Chapter 5, Macros:** Remove obsolete examples. On page 5-5, add a reference to the Event-Triggered Macro table in the appendix. On page 5-18 in the If-Then-Else command description, fix the page references to the reference tables in Appendix A. On page 5-20 in the User Software Switch command description, describe all 40 user switches instead of only the 10 user switches available on port 1. Also, add another example of using software switches to enable and disable groups of macros.

**Chapter 6, Messages:** On page 6-7, describe Interruptable Messages. On page 6-27, change the minimum Default Beep Gap Duration value to zero from one. Fix the 1050Hz Single Tone Page example on page 6-36. On page 6-53, add the new Speech Intra-Message Delay control character description. On page 6-62, change the default Warm Reset Message. Fix all page references.

**Chapter 10, Receivers:** This chapter has been reorganized and updated with additional information on the operation of all functions.

**Chapter 13, CTCSS Encoders:** In the CTCSS Tone Numbers table on page 13-5, fill in the missing EIA Code for the last nine tones.

**Chapter 22, Scheduler:** On page 22-5, added a new example. This example plays a message at the top of the hour from 8 AM through 8 PM using only three scheduler setpoints.

**Appendix A, Programming Tables:** Add the Speech Intra-Message Delay table on page A-15. Update page references throughout the Appendix to match changes to updated chapters.

## Release V1.2 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.

**Message Handler:** The command to stop a message in progress, (PW) 16, is not yet available.

**Message Routing:** User-specified message routing is not yet available. By default, message responses are heard on the port that the command was entered. For scheduler macros, messages are heard on port 1.

**Pause Command:** Command (PW) 98, Pause, is not yet available.

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

**Save/Restore Controller Configuration:** The option to upload and download controller configurations is not yet available. Also, the option to save/restore the controller configuration in the flash is not yet available.

**SBOOT Load File Command:** It is possible to load the wrong file into the wrong location. This will be fixed in an upcoming version.

**Speech Library:** The words in the library are not recorded at full volume. This shows up when setting default message levels. This will be fixed in an upcoming version.

**User-Recorded Speech:** This feature is not yet available.

## Release V1.2 Cautions

The next firmware release will require a *Cold-Start* of the controller causing loss of all programming. Be sure to document your programming so that you can reprogram the controller after the update. It is recommended that you enter commands in a text file and send these to the controller when an update is required. (See *Chapter 8, Serial Port*, for more information on sending commands from a text file.)