SERVICE BULLETIN SUMMARY

Product: Receiver Multicoupler

Subject: Service Bulletin Summary   **Date: 14th January 2020**

Description

This Service Bulletin provides a summary listing of the Service Bulletins issued for the Receiver Multicoupler (RMC) series products;

No.	Date	F/W	Major Changes	Comments
RMC001	29 Nov 2013	1.20	Added: SNMP Alarm Reporting	
RMC002	27 Feb 2014	1.30	Added: Supports ESS systems on MCU models. (added Modes 6 and 7 of Config switch) for models RX6996-34xx-**34**-xxx and RX6996-3001-**36**-xxx (only)	
RMC003	08 Jul 2014	1.40	Added: Supports RX6996-34xx-**34**-xxx and RX6996-3001-**36**-xxx models in one firmware version	
RMC004	24 Jul 2014	1.40	Instruction: TTA Mode Setting	
RMC005	13 Apr 2015	1.41	Added: Improved code routines	
RMC006	05 Jun 2015	1.42	Added: Improved Watchdog Reset routine	
RMC007	05 Mar 2016	1.50	Added: Alarm Event Log, Config Files functionality, SNMP Southbound GET# command, Manager Messages supported, SMTP (Email) Alarms, Static System Sensitivity and Effective Receiver Sensitivity Log Files, and Static System Sensitivity and Effective Receiver Sensitivity History Chart	
RMC008	14 Feb 2017	1.60	Added: TTA Alarm Mode feature (Gain Boost, Auto Bypass and Auto Recovery) for models RX6996-34xx-**44**-xxx (only)	
RMC009	15 May 2017	1.61	Added: Supports updated flash memory device in RMC design.	Compatible with all previous shipped units.

RMC010	25 Oct 2017	1.62	Added: Improved Input Gain and Distribution Gain resolution from 1dB to 0.5dB steps. TTA Alarm Mode feature (Gain Boost, Auto Bypass and Auto Recovery) for all other models not included in firmware 1.60. Selectable non-timed (manual) Bypass mode. Configurable SNMP Community String value. Changed any SNMP returned fields from 'null' to a value for SNMP Managers that do not support 'null' fields. Improved resiliency to IP port attacks (DoS, Flooding, etc) for improved connectivity security. Ability to disable Telnet and SNMP ports when not used to assist in IP port attack resiliency. Fixed: RMC restarts caused by IP port attacks (DoS, Flooding, etc).	Compatible with all previous shipped units.
RMC011	15 Jun 2018	1.63	Added: Support for Dual Receiver / Diversity Receiver RMC/TTA system configurations.	Compatible with all previous shipped units.
RMC012	16 Sep 2019	1.70	Added: Support for manufacturing production change. No new features.	Compatible with all previous shipped units.
RMC012b	06 Jan 2020	1.70	Added: Note on revised Config Switch 7 operation	Compatible with all previous shipped units.
RMC013	14 Jan 2020	1.71	Added: Support for manufacturing production change. No new features.	Compatible with all previous shipped units.

Name	Subject	Comments
RMC Firmware Upgrade	Process to upgrade RMC firmware	
RMC SNMP	Overviews the SNMP v2C northbound Trap and southbound GET functionality of the RMC	
RMC Email	Overviews setting up an email provider's server address configuration in the RMC	

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