

SERVICE BULLETIN

BULLETIN NUMBER: SB-0016
REVISION: 1-0-0
DATE: MAY 2005

PRODUCT DESCRIPTION: ALL MT-4D FAMILY AND VERSIONS

DE REFERENCE / ECO: IR0035-BASE APPLICATIONS.DOC

PRODUCTS EFFECTED:	Model Number	Board Versions
	All MT-4 Radios connected to tone remotes	All

SYMPTOMS: Fails to change channel until second PTT sent to Vega DSP-223

CAUSE: When using a Vega DSP-223 connected to a tone remote other than a Vega to control the PTT and channel select lines both signals might get sent at the same time and the channel select may be ignored by the Daniels MT-4 Transmitter.

SOLUTION: To solve this problem a 22 μ f capacitor needs to be enabled on the PTT line of the CI-BC-4E. This is done by enabling JU125. If an AC-3E card was used in the system then a 22 μ f (1054-6G226M20) capacitor needs to be added in by soldering the positive lead to J23 and the negative side to ground.

PARTS REQUIRED:	Qty	UOM	Description	Part Number	Designators
	1	ea	CAP., 22 μ f DIP. TANT., 20%,20V		1054-6G226M20

PROCEDURE: Enable the PTT line of the CI-BC-4E; Install JU125
Refer to product manual IM55-CIBC4 for jumper location.

or

If an AC-3E - Install a 22 μ f Capacitor at J23 to GND
Refer to product manual IM-AC3 for jumper location.

RETURN REQUESTS: To have affected product returned to Daniels Electronics for servicing (or replacement, etc...), please contact the service department to obtain an RMA number and return shipping instructions at 1-800-664-4066 or email at service@danelec.com

REVISION HISTORY:	Rev	Date	Description
	1-0-0	24/05/2005	First Release