
OpenSky Digital Base Station

Model Number MBS-800
Part Number IBS-0001
Software Version 6.13
Draft, February 22, 1997

FCC Regulations

The Federal Communications Commission (FCC) requires the user of this equipment to obtain a station license before operating this equipment in transmit mode. In accordance with such licensing requirements, FedEx is responsible for ensuring that the transmitter power, frequency, and deviation are within maximum limits allowed by the station license. FedEx is at all times responsible for the proper operation and maintenance of this equipment.

IMPORTANT

FCC regulations state that:

The grantee of a license has the responsibility of ensuring that all equipment operated under that license conforms to the specifications of the license.

The frequency, deviation and power of a radio transmitter must be maintained within specified limits. It is recommended, therefore, that these three parameters be checked before the station is placed in service.

General Safety Information

The Federal Communications Commission (FCC), within its action in the General Docket, 79-144, March 13, 1985, has adopted a safety standard for the human exposure to radio frequency electromagnetic energy emitted by FCC-regulated equipment. Proper operation of this equipment as summarized below will result in user exposure substantially below the FCC recommended limits.

- Do not operate this equipment with a radiating antenna when someone is within three feet of the antenna.
- Do not operate this equipment if any of the RF connectors are not secure or if open connections are not properly terminated.

The following general safety guidelines should also be followed:

- Do not operate this equipment near electrical blasting caps or in an explosive atmosphere.
- The equipment must be properly grounded according to the installation instructions.
- Only a qualified technician must service the equipment.

HPA-875

**Base Station High
Performance Amplifier**

HOT for ECN # 36546 1/26/99

ECR 35 1-26-99	AMP M/A-COM	DEPT # 25	ECN # 36546	ORIGINATOR D. Dudka	DATE 1/12/99 EXT 4661
S M C	ENGINEERING CHANGE NOTICE	ENG/PROG MGR. Sweeney		ECR NO. 44284	
EFFECTIVITY DATE: _____		W.O. _____		SER NO. _____	

PRODUCT UNDER CONFIGURATION CONTROL <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CHARGE NO. 5ABS-HPA	PROD. LINE CBU
TYPE OF CHANGE <input type="checkbox"/> TYPE 1 MAJOR CHANGE AFFECTS FORM, FIT, OR FUNCTION OF END ITEM <input checked="" type="checkbox"/> TYPE 2 MINOR CHANGE FORM, FIT, OR FUNCTION OF END ITEM NOT AFFECTED <input type="checkbox"/> TYPE 3 DWG / DOC. MAINTENANCE	<input type="checkbox"/> ADVANCED CUSTOMER APPROVAL REQUIRED <input type="checkbox"/> NOTIFY CUSTOMER, INCORPORATE CHANGE <input checked="" type="checkbox"/> INCORPORATE CHANGE	
MATERIAL DISPOSITION <input type="checkbox"/> CODE 1: STOP SHIPMENTS IF NECESSARY TO COMPLY. STOCK ON HAND CANNOT BE USED 'AS IS'. <input type="checkbox"/> CODE 2: INCORPORATE CHANGE/S ON OR BEFORE SERIAL NO./ DATE/W.O. STOP SHIPMENTS IF NECESSARY IN ORDER TO COMPLY. (SEE EFFECTIVITY) <input checked="" type="checkbox"/> CODE 3: START IMMEDIATE PROCUREMENT OR REWORK & INCORPORATE CHANGE/S AS SOON AS NEW OR REWORKED STOCK IS AVAILABLE AT WHICH TIME STOCK ON HAND CANNOT BE USED 'AS IS'. <input type="checkbox"/> CODE 4: ALL STOCK ON HAND MAY BE USED 'AS IS' THE CHANGE MUST BE INCORPORATED IN ALL NEW PROCUREMENT AND IN STORES LIST. <input type="checkbox"/> CODE 5: N/A CHANGE DOES NOT EFFECT HARDWARE ITEMS <input type="checkbox"/> CODE 6: SEE MULTIPLE DISPOSITION CODES DEFINED BELOW.	REASON FOR CHANGE <input type="checkbox"/> IMPROVE DESIGN <input type="checkbox"/> COST REDUCTION <input checked="" type="checkbox"/> CONFORM TO CUST SPEC <input type="checkbox"/> IMPROVE MANUF <input type="checkbox"/> CORRECT ERROR (SEE COMMENTS)	REQUESTED BY <input checked="" type="checkbox"/> CUSTOMER <input type="checkbox"/> QA <input type="checkbox"/> MECH ENG <input type="checkbox"/> ELEC ENG <input type="checkbox"/> ASSEMBLY <input type="checkbox"/> MFG ENG <input type="checkbox"/> SUPPLIER <input type="checkbox"/> PROD ENG <input type="checkbox"/> PROD CONTROL <input type="checkbox"/> DRAFTING
COMMENTS: ECN APPLIES TO S/N'S 22, 23, 25, 26, 29 AND UP		
CUSTOMER CTC CUSTOMER SPECIFICATION REV GOV'T CONTRACT NO. PRODUCT/S AFFECTED: Am42-0037 Am42-0038 <input type="checkbox"/> SEE ATTACHED WHERE USED		
DATE ECN REQ'D BY: Feb 9 1999 DOCUMENTS RELEASED/REVISED AS: PRODUCTION <input checked="" type="checkbox"/> ENGINEERING <input type="checkbox"/> CONCEPTUAL <input type="checkbox"/> ENGINEERING SIGN-OFF OF UPDATED DOCUMENTS REQ'D? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

DOCUMENT NUMBER	REV	NOMENCLATURE	DESCRIPTION OF CHANGE	MATERIAL DISP CODE
HE00367	D	Schematic	Change per mark-up ✓	
BD00332-XX	C	Assmby Drw	Change per mark-up ✓	
Bm BD00332		Bom	Change per mark-up ✓	
AM42-0037	B	Power Amp.	Change per mark-up ✓	
Bm AM42-0037	F	Bom	Change per mark-up ✓	
BG00753-XX	D	SMR HPA Final Assmby	change per mark-up ✓	
BG00754-XX	E	SMR Chassis Final Assmby	change per mark-up	

ECN # 36546	PRIMARY/PROJECT ENG. <i>Sweeney</i>	DATE 1/22/99	QUALITY ENG. <i>George Hall</i>	DATE 1/25/99	MFG ENG. <i>Dudka</i>	DATE 1/25/99
	MAT'L CONTROL <i>Stamp</i>	DATE 1/26/99	Michael <i>Sweeney</i>	DATE 1/25/99		
	CHG INCORP. BY	DATE	CHECK BY	DATE	DOCUMENTATION	DATE

To Brian Drellick



ECR/ECN
CONTINUATION SHEET

ECN # 36546

ECR NO: 44284

DOCUMENT NUMBER	REV	NOMENCLATURE	DESCRIPTION OF CHANGE	MAT'L DISP CODE
* AJ01559	A	Cover	- update PSheets 3, 5 and 6 Pen mark-up and update Art work.	
* AJ01560	C	chassis	- update Sheet's 4 and 5 Pen mark-up	
- Bm AM42-0038		Bm OD	- update Pen Mark-up	
* AM42-0038	D	OD	- update Pen mark-up	
✓ AM00147-01		Label	- update add -05, 75 Pen mark-up	
✓ Bm BG00754-01		Assy Bm	- Remove Items #P01260 "AP01263"	
AU00297-01	A	Harness	update Pen mark-up	* ?
✓ Bm AU00297-01		Bom	- update Pen mark-up ✓	
* AU00274-XX	B	Harness	- update Pen Mark up ✓	
✓ Bm AU00274-01	?	Bom	- Pen mark up ✓	
✓ AU00272-XX	D	Harness	- Pen mark-up	* 2864
✓ Bm AU00272-01	?	Bom	- Pen mark-up	286
✓ S1154-U	A		FIRMWARE UPGRADE TO REV 0.01F70 CONTROL LEDS AND SWITCH. Fixed SERIAL # QUERY AND INTERMIT CODE.	
* AU00297-01	A	Harness	- Up-date per mark-up	

ECN# 36546

COMMENTS:

Michael [Signature] 1/49

Bruey 1/22/99
Splunk 1/25/99