

dbx
Model F-900A

Instruction Manual

Your new F-900A powered mainframe, which can hold up to nine dbx 900 series modules (as well as those of some other companies), was carefully packed at the factory in a protective carton. Nonetheless, be sure to examine the unit and the carton for any signs of damage that may have occurred during shipping. If there is such evidence, don't destroy the carton or packing material, and notify your dealer immediately.

In any case it's a good idea to save the carton and packing should you ever need to ship the F-900A.

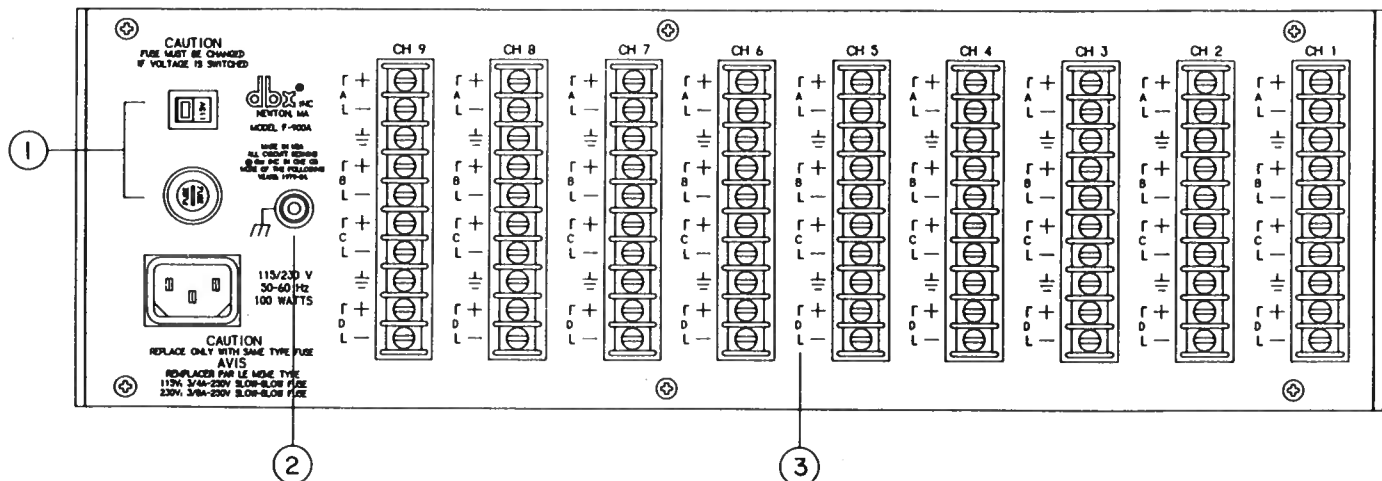
In the event of initial problems, first contact your dealer; your F-900A was thoroughly inspected and tested -- burned in -- at the factory.

In addition to a model F-900A and this owner's manual, the carton should contain a warranty/registration card. Please fill it out and send it to us.

When choosing an installation location, try to keep the frame away from heat sources (e.g., power amps), and at least be sure there's some (1-1/2 to 2") ventilation space above and below. If enclosed space is the only choice, put a fan on the F-900A. Avoid water, of course, and high humidity.

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REAR



1 VOLTAGE SWITCH and FUSEHOLDER. Make sure the unit is switched properly for your line voltage. Always replace the fuse with the same size and type (3/4 A for 115 V, 3/8 A for 230 V), but if the fuse blows again, consult your dealer.

2 GROUND BINDING POST. Ordinarily, the chassis ground and the signal float. If you need to have it otherwise, however, connect any signal ground to this true, chassis ground. It's connected to an earth ground through the ac cord.

3 TERMINAL STRIPS. These input/output barrier strips provide audio and control-voltage (CV) connections for the nine modules.

SPECIFICATIONS

Power requirements 100-240 V ac, 50/60 Hz, switch-
able; 100 W maximum fully
loaded

Power-supply current capacity 1.0 A \pm 15 V dc regulated,
0.5 A \pm 24 V dc unregulated

Weight 17 lbs

Dimensions. 5-1/4"h x 19"w x 13"d

HOOKUP INFORMATION

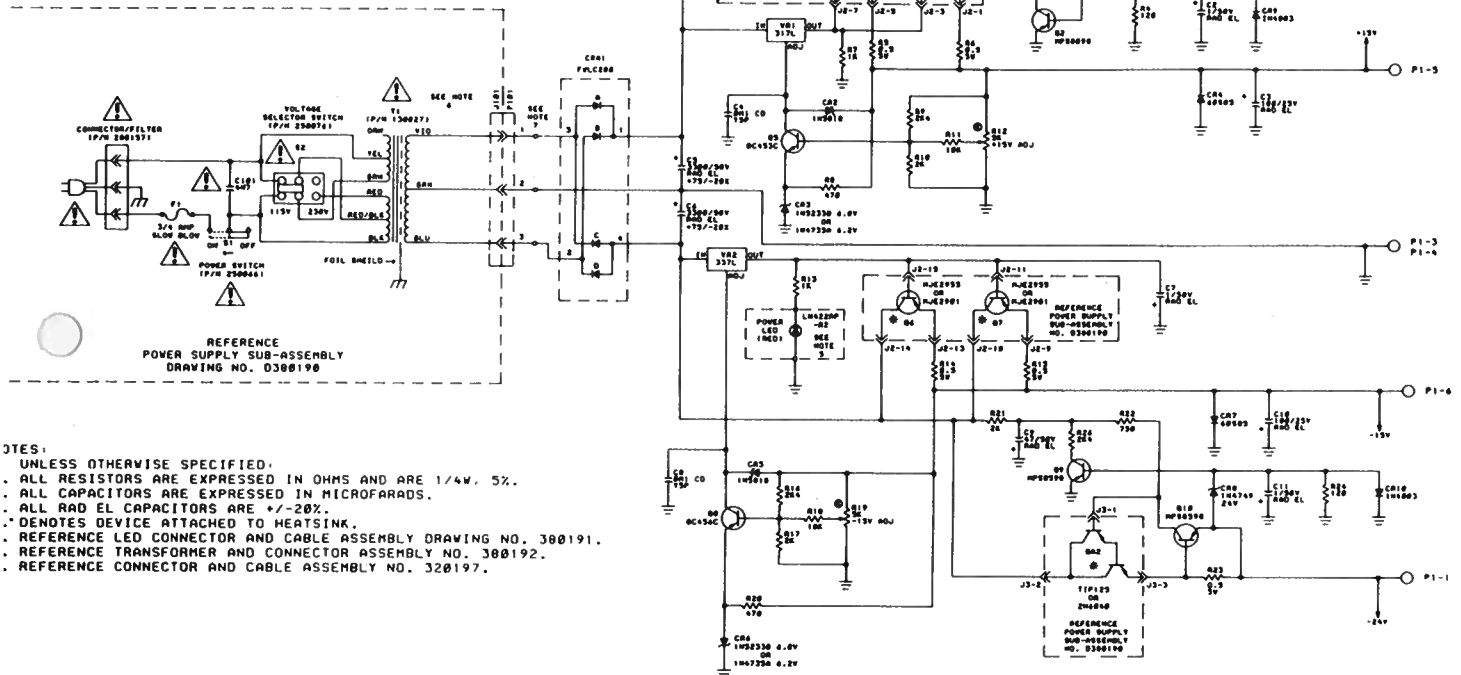
900A TERMINALS	902 DE-ESSER	903/907 COMP/LIMITER	904 NOISE GATE	905 PARAMETRIC	941/941A TYPE II DUAL ENCODE	942/942A TYPE II DUAL DECODE	411/911 TYPE I ENCODE/DECODE
<div><div><div>+</div><div>—</div><div>⏏</div></div><div>A</div></div>	AUDIO INPUT				CH. A INPUT		DECODE INPUT
<div><div><div>+</div><div>—</div><div>⏏</div></div><div>B</div></div>	AUDIO OUTPUT				CH. B OUTPUT		ENCODE OUTPUT
<div><div><div>+</div><div>—</div><div>⏏</div></div><div>C</div></div>	NOT USED	DETECTOR INPUT (907: AUX IN)	KEY INPUT	NOT USED	CH. B INPUT		ENCODE INPUT
<div><div><div>+</div><div>—</div><div>⏏</div></div><div>D</div></div>	CV OUTPUT			NOT USED	CH. A OUTPUT		DECODE OUTPUT
	CV INPUT						

Be sure also to consult the instructions accompanying the individual module.

POWER-SUPPLY SCHEMATIC



COMPONENTS MARKED WITH THIS SYMBOL HAVE CRITICAL SPECIFICATIONS IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR REPLACEMENT. PRIOR TO THE RETURN OF THIS APPLIANCE TO THE CUSTOMER, AND UPON COMPLETION OF SERVICING, SERVICE PERSONNEL ARE REQUIRED TO TEST THIS UNIT FOR ADEQUATE INSULATION RESISTANCE BETWEEN THE POWER SUPPLY AND EXPOSED PARTS.



SCHEMATIC
POWER SUPPLY
BI-POLAR 24V,
15V REGULATED

REMOVING THE MODULE

- 1) Unplug both ends of the ac cord. Don't fail to do this.
- 2) On the front of the F-900A: remove the four screws that secure the power supply to the frame. Be careful not to scratch the finish, and put the screws aside so you don't lose them.
- 3) On the right side: remove the six (two rows of three) screws that are an inch in from the top and bottom. Carefully set these aside, too.
- 4) Pull the module out of the frame by crooking a finger into the hole on the front.

WARRANTY and FACTORY SERVICE

All dbx products are covered by a limited warranty (warranties for products purchased outside the USA are valid only in the country of purchase and the USA). For details, consult your warranty/registration card or your dealer/distributor.

dbx Customer Service will help you use your new products. For answers to questions and information beyond what's in this manual, write to:

dbx
71 Chapel St.
PO 100C
Newton, Mass. 02195 USA
Attn: Customer Service

You also may call 617/964-3210 between 9:30 and 4:30 Eastern time (USA). The Telex is 92-2522.

Should problems arise, consult your dealer or distributor. If it becomes necessary to have your equipment serviced at the factory, repack the unit, including a note with a description of the problem, your name, address, and phone, and the date of purchase, and send the unit freight prepaid to the above street address, marking it Attn: Repairs.