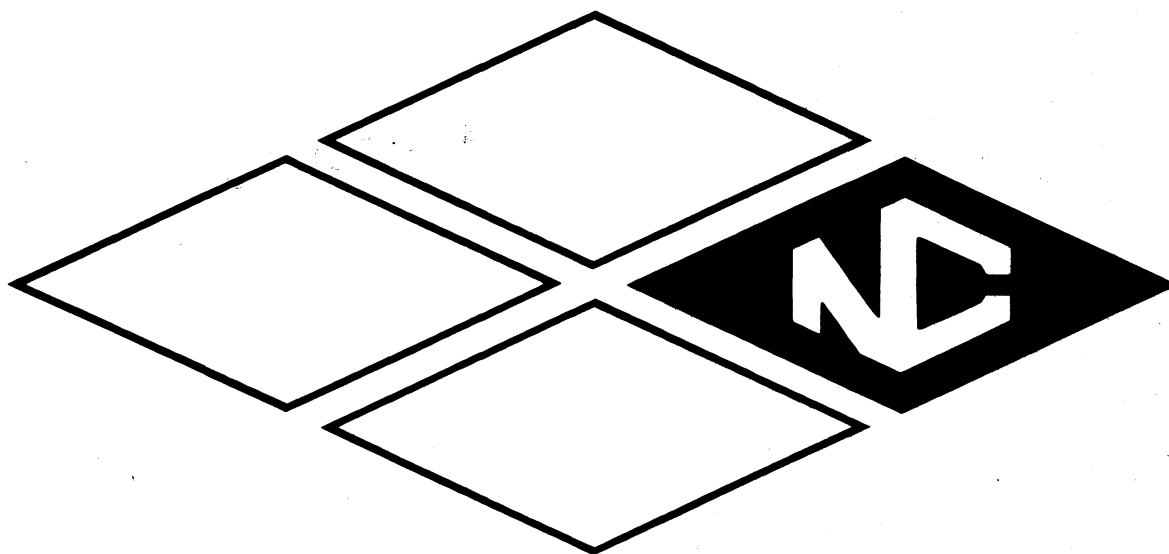


ACCESSORY POWER SUPPLIES

Instruction Manual

49 6252
MODEL NCX-A
MODEL NCX-D



NATIONAL RADIO COMPANY

NCX-A POWER SUPPLY

The NCX-A Power Supply is a conservatively rated supply capable of providing all necessary power to operate the National NCX-3 transceiver or other similar equipment. The supply is housed in a gray-blue perforated cabinet with a front panel matching the

tap is filtered by choke L2 and capacitor C3. It is dropped and further filtered by resistor R5 and R6 and a filter capacitor inside the NCX-3 transceiver. This provides 280 volts at 125 ma. at terminal 9 of plug P1. Resistor R8 is a 30,000 ohm bleeder resistor

SUPPLY RATINGS

receive
 CW transmit

700 vdc at 50 to 300 ma.
 280 vdc at 125 ma.
 -80 vdc at 10 ma.

FUSES

The circuit of the 700 volt output power supply to stop oscillating, due to the unit. Normal operation short circuit is removed. In addition output and the -80 volt output for #44 panel lamps. Momentary short of these outputs will result in failure. These lamps may be replaced by the power of the NCX-D supply. The output of the NCX-D supply is protected by a primary power fuse, type MDX-40, other than the recommended type.

TABLE 1

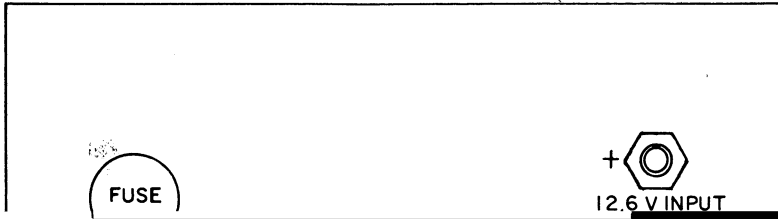
VOLTAGE DROP/FOOT (2 CABLES)	
.....	0.019 V
.....	0.030 V
.....	0.048 V
.....	0.076 V
.....	0.121 V

EXTRACTED FROM THE FOLLOWING
 AUTOMATIC.

POWER SUPPLY

PART NUMBER

Power	B50912
IV	
.....	A50916
.....	A50917
.....	A50918
.....	A50919
.....	B17436-15
.....	A50921-1
.....	A50921-2
.....	A50906
.....	B50915-1
.....	
.....	B50915-2
.....	
.....	B50915-3
.....	
.....	B50915-4
.....	
.....	A50922
.....	B50923
.....	B50924
.....	B50925
Supply	B50925



FOR NEGATIVE BATTERY GROUND
USE TERMINAL 5 OF NCX D SUPPLY
FOR HEATER SUPPLY WHEN THE
NEGATIVE BATTERY TERMINAL IS
GROUNDED

FOR POSITIVE BATTERY GROUND
USE TERMINAL 4 (DOTTED LINE
CONNECTION) OF NCX D SUPPLY
FOR HEATER SUPPLY WHEN POSITIVE