EXPLORER CABINET

ASSEMBLY INSTRUCTIONS

Check all parts in your kit against the following list.

DESCRIPTION		QUANTITY
Cabinet Cover (Blue)		1
Cabinet Bottom (Black)		1
6/32 x 5/8" Machine Screw		4
6/32 Nut		16
#6 Type A Self Tap Screw	(Two supplied installed)	4
Rubber Feet		4
Terminal Strip (6 Screw)		1

Optional Accessories

Fan With Blade Guard $14.95 + $1.50 P & H

( ) (1) Remove the Reset and Interrupt switches from the Explorer P.C. board.

( ) (2) Using a sharp knife remove all burrs at the bottom edge of the removed switches.

(✓) (3) Install the switches in the rectangular holes provided on the cabinet front panel.

(✓) (4) Install 4 rubber feet on the bottom of the cabinet (one in each corner).

( ) (5) Install 6 screw terminal strip using 2 #6 self tap screws.

INSTALLATION OF NETRONICS AP-1 POWER SUPPLY
If you are not installing Netronics Power Supply proceed to Step 7.

( ) (6a) Remove the blue cover on the Power Supply. The cover is not used when the Power Supply is installed inside the Explorer cabinet.

( ) (6b) Unsolder and remove the line cord (mark connections carefully because the line cord must be reinstalled).

( ) (6c) Remove the screw and nut holding the 25 amp rectifier.

( ) (6d) Remove the rubber feet from the Power Supply chassis.

( ) (6e) Midway between the fan opening and the rear of the cabinet you will find a small hole. Position the Power Supply into the Explorer cabinet so that the mounting hole for the 25 amp rectifier is aligned with this hole. NOTE: The line cord exit and switches face the rear of the Explorer cabinet

( ) (6f) Using the screw and nut removed in Step C secure the Power Supply chassis to the Explorer cabinet. (This screw goes through the Explorer cabinet, the Power Supply chassis and the 25 amp rectifier).

( ) (6g) Install the 2 #6 self tap screws removed in Step A securing the Power
Supply chassis to the bottom of the Explorer cabinet.

( ) (6h) Reinstall the line cord. Note that the chassis bushing is now installed
in the Explorer cabinet and the line cord is routed through the line
cord opening in the Power Supply cabinet and resoldered to the original
connections.

( ) (7) Note that the Explorer has provisions for (not supplied) tape recorder
jacks, an additional DB25 connector, as well as a large hole for accessory
ribbon cables to enter and exit the cabinet.

( ) (8) The sketch illustrates a typical connection scheme when using a Netronics
terminal and ACC Power Supply. These connections can be made either as
shown or by using unused terminals on J-1 (DB25 connector).

( ) (9) Depending on how you are configuring the Power Supply and connections to
your terminal temporarily position the P.C. board in the cabinet and
measure lead lengths required for your particular interconnection scheme.
Don't forget the four wires required to reconnect the Reset and Interrupt
switches which are now located on the front panel. We suggest soldering
these leads to the mother board prior to the final installation of the
mother board.

( ) (10) The P.C. board is to be fastened to the cabinet using 4 #6/32 x 5/8"
machine screws at the same locations used for the Level C expansion
chassis. (If Level "C" has been mounted replace the mounting screws
with the 5/8" screws supplied). The mounting holes are next to U300,
U200, U219 and U111. Use 3 nuts on the bottom side of the P.C. board
on all 4 screws. The nuts will act as spacers between the P.C. board
and the cabinet. (Do not remove rubber feet from the bottom of the
Explorer P.C. board). Use the remaining nuts to fasten the P.C. board
to the cabinet bottom.

( ) (11) After the board has been firmly secured make the final connections
between the P.C. board and the chassis terminals and switches.

( ) (12) If you are installing the fan, the fan should be wired after the fuse
in your AP-1 Power Supply so that when the fuse is removed the fan
will stop running.

J1

7 32

GND

C202
RZ?
CZ0?
R?T
U203
SW200
OVLAWN-
CZ13
U210
U204
CZ10
RZ16
RZ19
U205
SW201
-OTO4WN-O
CZ09
CZ08
U206
U207
CZ14

LEVEL C BRTS (2)

S5

CZ18
U215
CZ19
S16
RZ20
U216
U211
S10
RZ26
CZ15
RZ22
C201
U217
CZ20
U212
CZ19
RZ25
U221
RZ24
RZ23
U218
CZ23
U213
CZ21
U214
CZ24
U208
RZ17
RZ18
U209
CZ07
R200-R215
S11
C206
CZ22
U219
CZ29
RZ28
U220
RZ13
CZ25
CZ27
CZ28
RZ29
-16 +16 +B GND

R   I

TO TERMINAL

J1-7	J1-2	J1-3	+B	AC	GND
∅	∅	∅	∅	∅	∅

LINE CORD

GND   -B   +B

Q201

C203

Q200

C200

R202

U203

W200

U204

U205

C208

U206

R207

C214

AP-1

R208

R217

R209

Q207

U201

C205

U200

C204

R200-R215

S11

J3

J4

AC IN