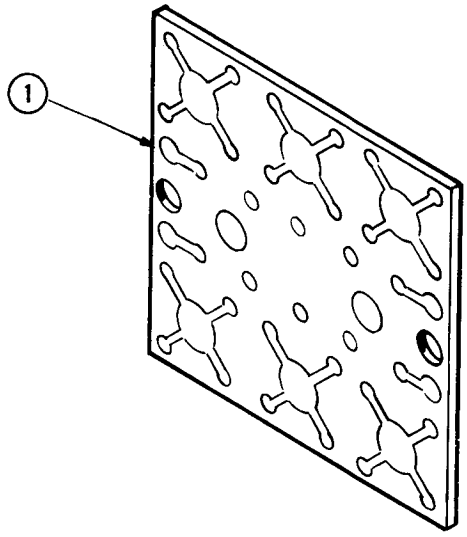
TERMINAL ACCESS ADAPTER KIT
(Part No. 013-0146-00)



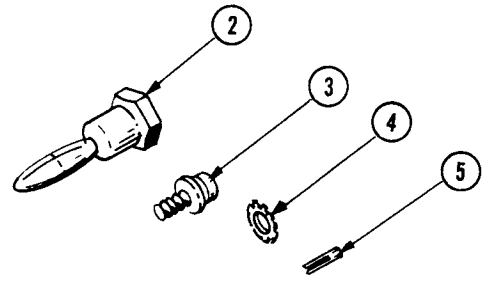


Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Disc	Qty 1 2 3 4 5	Description
	013-0146-00			1	TERMINAL ACCESS ADAPTER KIT
	- - - - - -			-	adapter kit includes:
1	388-3836-00			1	CIRCUIT BOARD
2	134-0013-00			6	PLUG, banana, male
3	211-0601-00			6	SCREW, 6-32 x 0.312 inch PNH BRS
	- - - - - -			-	w/lockwashers
4	210-0005-00			6	WASHER, LOCK, EXT, 0.146 ID x 0.312
	- - - - - -			-	inch OD
5	131-0639-00			30	CLIP, ELECTRICAL, clothespin TYPE

DATA SHEET

NO. 062-1632-00
DATE March 1977 (R)

This Terminal access adapter kit is an optional accessory for the Tektronix AM501 operational amplifier.

The purpose of the adapter is to aid in connection of the Z_i and Z_f components to configure the AM501 for specific applications. Two other methods of connection are available. For dedicated applications, pads inside the AM501 may be used, reducing front panel clutter. Refer to the AM501 manual for instructions. For some simple configurations (not frequently changed) the binding posts on the AM501 are adequate. However the adapter provides greater convenience for complex networks especially if it is desired to change configurations frequently or rapidly.

There are two basic ways to use this adapter. One is to solder components permanently and directly to the board. Utilizing this method the operator may assembly a group of adapters to provide a library of prewired functions. This way a quick change (eg-from inverter to follower) may be made by simply removing one adapter and plugging in another.

Another way to use the adapter is to solder in a number of component holder clips allowing individual components to be changed in value, added or deleted by means of the clips supplied with the kit.

Figure 1 shows how the X-array at each banana plug relates to the AM501 amplifier terminals, GND SELECTOR switch and BNC connectors.

All holes other than those of the X-array are floating and may be used in any convenient manner to complete the users network. Ground connections may be made at the upper or lower left hand corner by setting the GND SELECTOR switch accordingly or by running a wire or patch cord from the adapter to the ground post on the AM501 front panel.

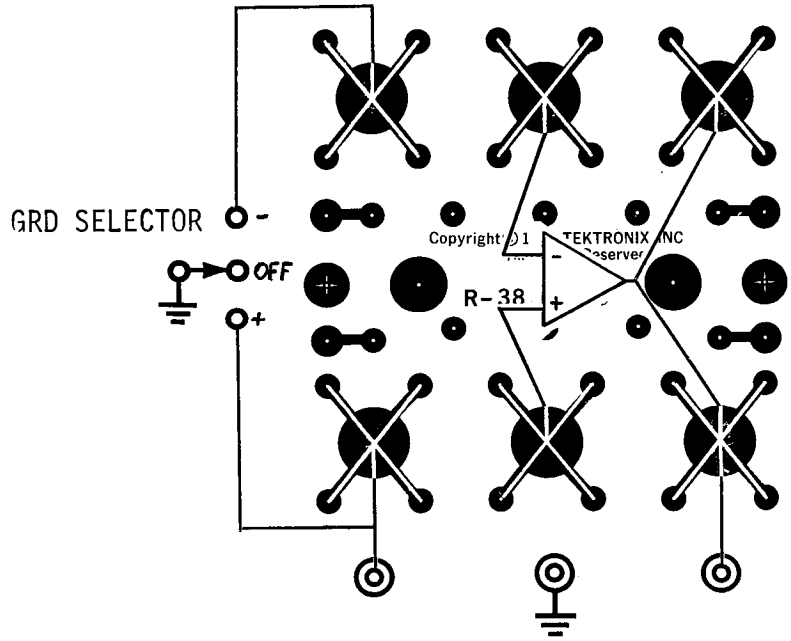


Figure 1

Two sets of holes have been provided for convenience in adding extra input or output connections via patch cords. (Refer to Figure 2). Run the cut end of the patch cord through hole A or A_1 from the front of the adapter board. Strip the end of the patch cord and bring the stripped wire forward through B or B_1, solder to B or B_1. Now C or C_1 may be used to complete the circuit.

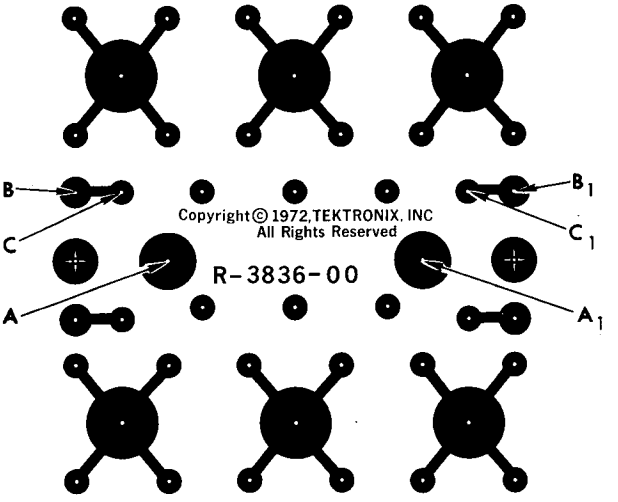


Figure 2