

PARTS LIST * AR-310 * CASE AND BACK PLANE CONNECTORS

<u>QUANTITY</u>	<u>DESCRIPTION</u>
1	Top, Wood
1	Bottom, Wood
2	End, Wood
1	Back, Masonite
10	22 Pin Connector
24	4-40 x 5/8" Screw
2	Connector Bar 1/2" square
1	Top Front Mounting Strip
1	Bottom Front Mounting Strip
4	1/2" x 1/2" Mounting Brackets
4	4-40 Hex Nut
14	#6 x 1/2" Wood Screw
33	4-40 x 3/16" Screw

ARIES SYSTEM 300 MUSIC SYNTHESIZER

AR-310 CASE ASSEMBLY INSTRUCTIONS

REFER TO ASSEMBLY INSTRUCTIONS

- () 1. Mount the four wooden cabinet pieces together. Use a good wood glue, preferably, although you may use screws or nails if you don't mind them showing. IMPORTANT! It is necessary to insure that the corners are square while the glue is drying. This may be done with a corner clamp, or any carpenter's square, etc. Notice that the backs of all four pieces have a 3/16" recessed notch along the edge, for the cabinet back to fit in. If using glue, allow to dry overnight !
- () 2. Assemble the 10 connectors to the 2 square aluminum bars, using machine screws provided. Be sure that:
 - a) The female sides of connectors point away from the bars (as shown in drawing)
 - b) The letter "A" on each connector is in the same direction. The bar nearest the "A"'s will be the upper one. Tighten screws snugly enough to hold assembly together, but not too tightly to allow some movement of the bars.
 - c) The space at the right end (from front view) has no connector.
- () 3. Fasten one bracket to each end of each bar, as shown, using a machine screw and nut.
- () 4. Locate two points on the inside of each cabinet side, near the back. Both points are 7/8" away from the recessed edge. One point is 1 & 1/16" below the inside cabinet top, and the other is 4" below the first (5 7/16" total from top). Mark with pencil, and indent slightly with nail, punch, etc.
- () 5. Slide the connector and bar assembly in as shown, and fasten with four wood screws to the points marked in step four.
- () 6. There are two "L" shaped module mounting strips. The lower one has single holes; the upper one has double holes. Mount the lower one to the cabinet bottom with 3 wood screws. Make sure the front of this strip is 5/8" behind the cabinet front.
- () 7. Mount the upper strip to the cabinet top, using 3 wood screws. This is also 5/8" in from the cabinet front.
- () 8. If you have an Aries Synthesizer module already, or when you get one, check that it fits properly. Some slight re-positioning of the bars or mounting strips may be required.
- () 9. The back panel may be screwed on if desired, after the synthesizer is wired up.