SEQUENCE OF OPERATIONS FOR MAKING HEAD BOXES

)5mm Perspex cut to size by supplier

1) Use appropriate drawing and mark out position of bends

2) ON NEONATAL ONLY cut off two angled corners

3) Using heater and jigs bend perspex along drawn lines

4) Mark body "front" and "back"

5) Place body front on 5mm perspex and draw round outer edge. Use correct template to mark out neck hole and two screw holes. Cut out leaving approx 1/8" over on the outside of the line, cut neck hole on line, drill the two holes, countersink and tap 2 b.a.

6) Place body back on 4mm perspex and draw round as before. From drawing mark out 3 holes. Cut out leaving 1/8" over. Drill 3 holes ½" dia, open up centre hole to 22mm using cone cutter. Slot two bottom holes.

7) Linish body front and back until a flat surface is achieved. Peel protective paper back approx 2"

8) Apply glue to edge of body front. Peel protective paper off end piece and place on glued edge, ensuring neck hole is central and the countersink is on the inside of the body. Allow to dry.

9) Repeat with back end and allow to dry.

10) Drill 8 (4 front, 4 back) holes 10mm deep and insert stainless steel pins.

11) Trim surplus perspex off back and front ends on router.

12) Smooth down all edges with fine emery cloth and flame polish.

13) Screw in two 2 b.a. countersunk head screws into front, from the inside of the head box.

14) Use template to mark out slider onto 4mm perspex, cut out on lines. Drill four 5mm holes and form two slots from these holes. Smooth all edges and polish. Glue knob into centre of slider.

15) Assemble slider onto headbox, use two black bakerlite knobs to hold in position.

16) Clean, polish and wrap.

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