

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.
- 6) Use correct template to mark out neck hole and two screw holes.
- 7) Cut out leaving approx 1/8" over on the outside of the line, cut hole on line, drill the two holes, countersink and tap 2 ba.
- 8) Place body back on 4mm perspex and draw round as before.
- 9) From drawing mark out 3 holes. Cut out leaving 1/8" over.
- 10) Drill 3 holes 1/2" dia, open up centre hole to 22mm using cone cutter.
- 11) Slot two bottom holes.
- 12) Finish body front and back until a flat surface is achieved
- 13) Peel protective paper back approx 2"
- 14) Apply glue to edge of body front.
- 15) 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.
- 16) Allow to dry.
- 17) Repeat with back end and allow to dry.
- 18) Drill 8 (4 front, 4 back) holes 10mm deep and insert stainless steel pins.
- 19) 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.
- 15) Drill four 5mm holes and form two slots from these holes.
- 16) Smooth all edges and polish.
- 17) Glue knob into centre of slider.
- 18) Assemble slider onto headbox, use two black bakerlite knobs to hold in position.
- 19) Clean, polish and wrap.