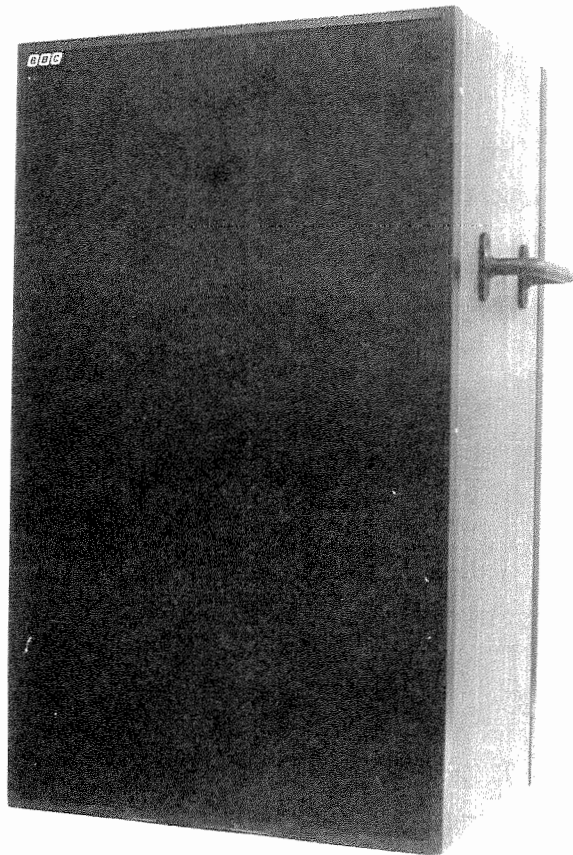




Monitoring Loudspeaker LS3/7



This Outside Broadcast Monitor Loudspeaker has been designed for use where relatively high sound levels are required and supersedes the LS3/1 Loudspeaker.

It contains an AM1/53 Low Level Crossover Pre-Amplifier, an AM8/14 Dual Power Amplifier and two loudspeaker drive units LS2/1 and LS2/8, which are mounted coaxially in a CT4/15 Cabinet. The normal maximum distance between the power amplifier and loudspeaker cabinet is 10 metres. The method of assembly allows close listening facilities to be used, as close as 0.5 metres without serious errors. For optimum use the three parts of the assembly should be kept with corresponding serial numbers but interchange of any part of the assembly will not introduce serious listening errors.

PERFORMANCE DATA

Input Level : -20dB Programme for full output
Input Impedance : 15k Ω
Axial Frequency Response : 35Hz to 20kHz
Maximum Sound Level : 104dB with respect to 2×10^{-5} N/m²
at 1.5m in an average listening room

MECHANICAL DATA

Cabinet : CT4/15
Finish : Teak Veneer
Width : 470mm
Height : 770mm
Depth : 330mm
Weight (Cabinet) : 30kg
(Amplifiers) : 10kg

INSTALLATION DATA

Power Requirement : 240V a.c. mains at 220W maximum
Sub-Units Contained : AM1/53, AM8/14, CT4/15, LS2/1 & LS2/8
Connector : 3 Pole XLR Socket or P.O. Jack (Input)
3 Pole XLR-LNE (Mains)
other connecting leads supplied.



For further information please refer to Designs Department Handbook No.3.198(77) or contact M.E. Whatton, Room 211, Western House (LBH 3885).