

TEACHER OUTFIT HRL(3)

HRL(3)

SUMMARY OF DATA

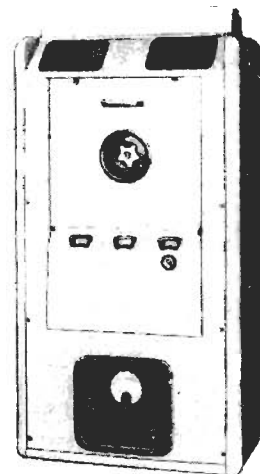
PURPOSE

To provide target acquisition training and practice for operator of gun direction and fire control radar equipment. The principle of operation is similar to HRL(1) but it is restricted to ships fitted with ADA/MRS3 constituting WDS6.

BRIEF DESCRIPTION

As for HRL(1) except that the GD echo is not displayed on PPI as normal but is available as magslips information, both range and bearing, for feeding into the MRS3 system.

It is normally used with a separate HRL(3) Switching Panel.



MAJOR UNITS AND PHYSICAL DATA

Physical Data

<u>Pattern No.</u>	<u>Description</u>	<u>Height</u>	<u>Width</u>	<u>Depth</u>	<u>Weight</u>
173289	Cabinet Des 128, Unit A (with shock mounts and AP 173290 Control Unit)	110.5 cm (43.5 in.)	54.6 cm (21.5 in.)	33.6 cm (13.25 in.)	43 Kg (94.5 lb)
		124.5 cm (49 in.)	54.6 cm (21.5 in.)	33.6 cm (13.25 in.)	—
173221	Target Course Generator Chassis Unit B				36 Kg (80 lb)
63465	Motor Drive Assy. Unit C				8.6 Kg (19 lb)
172222	Pulse Unit, Unit D				7 Kg (15 lb)
62293	Target Data Unit, Unit F				9 Kg (20 lb)
62294	Rectifier Unit 63 BZ Unit G				32 Kg (70 lb)

REMARKS

Where references to Teacher Outfit HRL(1) occur, see separate Summary of Data.

POWER REQUIREMENTS

115 V or 230 V 50/60 Hz, single phase
ac 350 W average consumption, 400 W maximum

HANDBOOK

BR 204(1)

ESTABLISHMENT LIST

E 1118

INSTALLATION SPECIFICATION

B 808