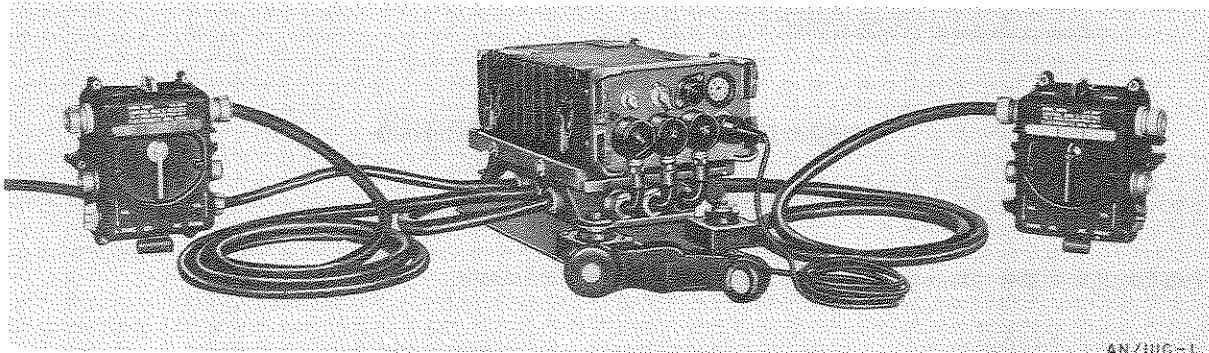


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 22 Jan 52

AN/UIC-1

INTERCOMMUNICATION SET



Intercommunication Set AN/UIC-1 is a vehicular interphone equipment used to provide two-way communication in inclosed or armored vehicles.

This equipment consists of an audio power amplifier, two interphone control stations, and power components plus accessories, depending upon the type of vehicle in which the system is installed. An additional control box can be added to the system.

This equipment provides control of one or two radio sets installed and operated within the vehicle equipped with this interphone system. It is designed for use in conjunction with the integrated series of radio equipment.

It is powered from vehicular 12-v or 24-v storage batteries through appropriate power supply components.

AN/UIC-1	INSTRUCTION LITERATURE: TM 11-2643
	CLASSIFICATION OF EQUIPMENT: Unclassified
INTERCOMMUNICATION SET	USING SERVICE: Army
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	AF Amplifier AM-65/GRC	4-1/4 x 12-7/8 x 7-7/8	10.0
2	Control Box C-375/YRC	6-13/16 x 3-1/4 x 7	3.25
1	Mounting MT-300/GR	3-1/16 x 13 x 8-5/16	10.0
1	Power Supply PP-281/GRC or Power Supply PP-282/GRC	4-1/4 x 5-3/4 x 2-15/16	5.5

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Vehicles of armored and artillery units.

INSTALLATION: Usually installed in large armored vehicles.

CAN COMMUNICATE WITH: Radio equipment and stations of the vehicle in which it provides inter-phone facilities.

TECHNICAL CHARACTERISTICS

FACILITIES AFFORDED: Two or more stations. Each station can accommodate two operators; amplifier can accommodate another. Amplified signals supplied to all positions.

TYPE CONTROLS: Volume selector switch (on amplifier).
Two volume switches, a station selector switch, and a RADIO TRANS switch (on control box).

POWER OUTPUT: 0.35 to 1.8 w depending on input signal and channel.

POWER REQUIREMENTS: 3.85 amp at 12 v (using Power Supply PP-281/GRC) or
2.4 amp at 24 v (using Power Supply PP-282/GRC).

PHYSICAL CHARACTERISTICS

Intercommunication Set AN/UIC-1 weighs 38.3 pounds net, volume 0.78 cu ft. Packed for export shipment: total weight 71 pounds, total volume 1.72 cu ft. Shipped in 2 packages.