

## SECTION 060-NT7M-100

## DMS-10 INTERFACE

4.14 Digital Announcers may also be used in conjunction with telephone switching equipment to provide electronic announcement capabilities. The DMS-10 Digital Announcer System Interface (figure 11) provides up to twelve individual messages in a plug compatible equipment module. This system fits into the space normally occupied by analog message announcement equipment. A quick-release rack mount holds the interface and up to three Digital Announcers.

4.15 Each audio message may supply as many as twelve access circuits simultaneously, so that a maximum of 144 calls may be electronically announced within the DMS switching network. Each audio message may be turned off independently without affecting any of the other recorded announcements. Circuits are also provided to permit testing for all of the detectable announcement faults recognized by the DMS-10 switch so that any alarm may be verified without disrupting telephone service.

## 5. ACCESSORIES

## CASSETTE ADAPTOR CORD

5.01 The Cassette Adapter Cord (figure 12) has a miniature phone plug and an RJ-11 modular line plug on opposite ends of a 3-foot coiled cord. With this accessory, audio may be taken from an audio cassette player and loaded directly into a Digital Announcer without picking up background or ambient noises.

## STANDARD PHONE HANDSET

5.02 A Standard Phone Handset (figure 13) is available for monitoring messages and making live audio recordings. The Handset has the correct impedance (less than 1000 ohms) which is required to properly match the input circuits of the Digital Announcer. The Handset comes with a 3-foot coiled cord with RJ-11 modular handset plugs on both ends.

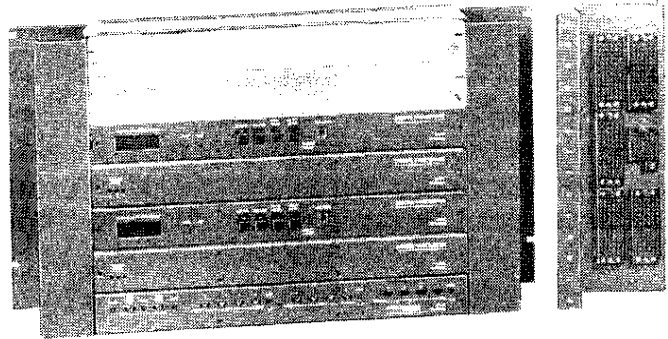


Fig. 11 - DMS-10 Interface System  
Part No. 215000

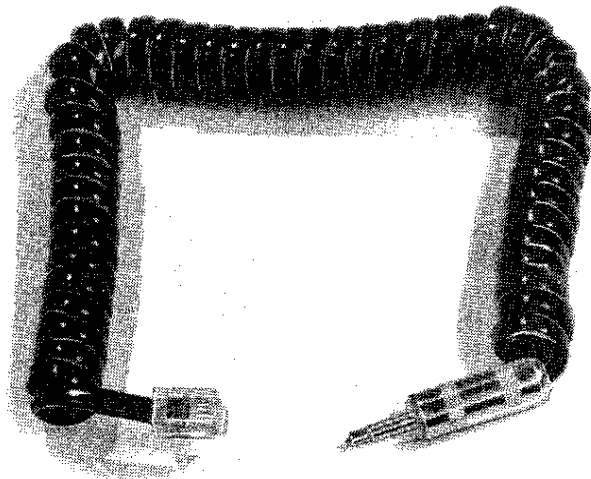


Fig. 12 - Cassette Adaptor Cord  
Part No. 213284

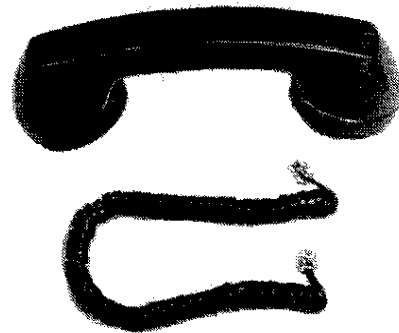


Fig. 13 - Standard Phone Handset  
Part No. 213285

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## MODIFIED PHONE SET

5.03 The Modified Phone Handset (figure 14) of the features of the Standard Handset, but it also includes a miniature phone jack and an interconnect cord to permit direct connection to a cassette player or other audio source. The jack automatically disconnects the handset transmitter, allowing recording without noise pickup.

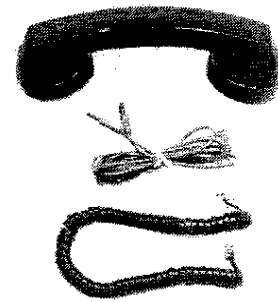


Fig. 14 - Modified Phone Handset  
Part No. 213360

## RECHARGEABLE BATTERY PACK

5.04 The Rechargeable Batteries used to provide memory backup in the Digital Announcer may be replaced without need for factory service. The battery pack consists of four cells permanently mounted onto a circuit board assembly (figure 15). The board is keyed to prevent incorrect installation.

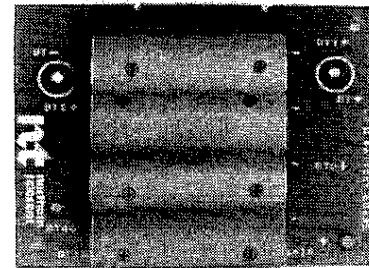


Fig. 15 - Rechargeable Battery Pack  
Part No. NT7M03BA

## TELEPHONE MESSAGE CASSETTE

5.05 The Standard Telephone Message Cassette (figure 16) has 54 pre-recorded intercept messages of the type frequently used to instruct PBX and Central Office customers. These announcements cover many of the problems encountered in normal telephone traffic. Each message is recorded twice, one side with a male voice the other side with a female voice.



Fig. 16 - Telephone Message Cassette  
Part No. 213404

## AC POWER CONVERTOR

5.06 The AC Power Convertor (figure 17) can provide a source of 50 VDC power when the Digital Announcer must be operated outside of the normal telephone equipment environment. The Convertor uses standard (120 VAC) line voltage. It features EMI/RFI control, automatic over-temperature and overcurrent protection, and a pre-wired connector.

5.07 The AC Convertor is a U.L. listed device. Each Chassis in the system must have a AC Convertor if line voltage power is used.

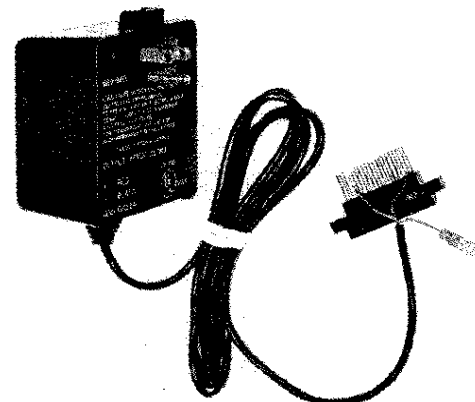


Fig. 17 - AC Power Convertor  
Part No. 213288

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MOUNTING

5.07 Mounting Brackets (figure 18) to adapt the digital announcer series of products for use in standard equipment bays enclosures, or relay racks are itemized in table 5. Different sizes, shapes and finishes match the brackets to the equipment and a variety of equipment mounts, including Bell standard, RETMA, and EIA universal. Brackets are also available to support Northern Telecom switching equipment such as the SL-1 and DMS product lines. The brackets are reversible and allow flush, protruding, or recessed mounting.

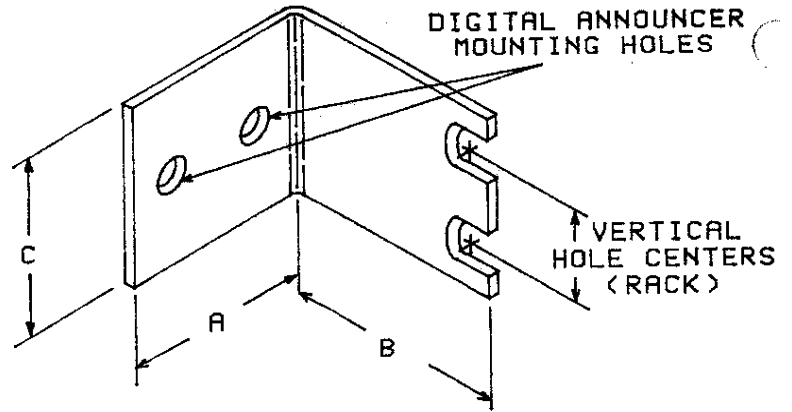


Fig. 18 - Mounting Brackets

Table 5. Mounting Brackets\*

BRACKET KIT NO.	CHASSIS MOUNTED	STANDARD RACK WIDTH	HORIZONTAL HOLE CTR.	VERTICAL HOLE CTR.	LENGTH A	WIDTH B	HEIGHT C
213281-101	1	19.00 inch 48.26 cm.	18.25 inch 46.36 cm.	1.25 inch 3.175 cm.	1.75 inch 4.445 cm.	0.62 inch 1.587 cm.	1.73 inch 4.365 cm.
213281-103	1	23.00 inch 58.42 cm.	22.25 inch 56.52 cm.	1.25 inch 3.175 cm.	1.75 inch 4.445 cm.	2.62 inch 6.667 cm.	1.73 inch 4.365 cm.
213281-105	1	26.00 inch 66.04 cm.	25.00 inch 63.50 cm.	1.00 inch 2.54 cm.	1.75 inch 4.445 cm.	4.12 inch 10.47 cm.	1.73 inch 4.365 cm.
213281-113	1	28.00 inch 71.12 cm.	27.75 inch 69.22 cm.	1.00 inch 2.54 cm.	1.75 inch 4.445 cm.	5.17 inch 13.17 cm.	1.73 inch 4.365 cm.
213281-117	1	23.00 inch 58.42 cm.	22.25 inch 56.52 cm.	1.00 inch 2.54 cm.	1.75 inch 4.445 cm.	2.62 inch 6.667 cm.	1.73 inch 4.365 cm.
213281-119	1	19.00 inch 48.26 cm.	18.50 inch 47.00 cm.	1.25 inch 3.18 cm.	10.0 inch 25.4 cm.	.620 inch 1.57 cm.	1.73 inch 4.39 cm.
214605	2	25.00 inch 63.49 cm.	24.25 inch 63.49 cm.	3.00 inch 7.62 cm.	4.75 inch 12.06 cm.	3.70 inch 9.445 cm.	3.98 inch 10.13 cm.
214606	1	25.00 inch 63.49 cm.	24.25 inch 63.49 cm.	1.00 inch 2.54 cm.	4.75 inch 12.06 cm.	3.70 inch 9.445 cm.	1.98 inch 5.063 cm.

\* An assortment of mounting brackets are available. The brackets fit standard hole spacing for both EIA universal and Bell standard mountings, and are painted black to match the chassis (special finishes may be specified to match the brackets to the customer's equipment; please contact the factory for assistance).

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## PRODUCT WARRANTY

The Digital Announcer is covered by the following manufacturer's limited warranty:

The Cook Electric Division of Northern Telecom warrants that the products purchased shall, under normal use and service, be free from defective material and faulty workmanship for a period of twelve (12) months from the date of shipment. Northern Telecom's sole obligation, and the Buyer's exclusive remedy under this warranty shall be limited to (at Northern Telecom's option) repair or replacement (on an exchange basis) of the defective product. Such obligation and remedy is conditioned upon (a) Northern Telecom receiving written notice of the defect within the specified warranty period; (b) Buyer receiving authorization from the manufacturer for the return of the defective product, (c) Buyer, at its own expense, returning the product to Northern Telecom, (d) the product not having been altered or repaired by any party other than Northern Telecom, (e) the defect not being the result of mishandling, abuse, misuse, improper storage, installation, maintenance, or operation by other than Northern Telecom (including use in conjunction with equipment which is electrically or mechanically incompatible); and (f) the product not having been damaged by fire, power failure, explosion, Act of God, or any other similar act or occurrence not attributable to Northern Telecom. The repair or replacement of any defective product shall not extend the applicable warranty period.

THE WARRANTY AND REMEDY SET FORTH ABOVE SHALL CONSTITUTE NORTHERN TELECOM'S ONLY WARRANTY WITH RESPECT TO THE PRODUCT AND BUYER'S EXCLUSIVE REMEDY IN THE EVENT SUCH WARRANTY IS BREACHED, AND SHALL BE IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. NORTHERN TELECOM SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER BEFORE OR AFTER SHIPMENT OF ANY PRODUCTS.

Please address any communication concerning this product to:

Northern Telecom  
Cook Electric Division  
6201 Oakton Street  
Morton Grove, IL 60053-2722 USA  
Telephone (708) 967-1555  
Telex I 72-4472  
Telex II 910-223-3654

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design or components as progress  
in engineering or manufacturing  
methods may warrant.

For more information, contact:

Northern Telecom  
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