

MULTIPLE TRANSMITTER UNITS AND BASES CODING

1. GENERAL

1.01 This section presents in tabular form the Teletype code designations, together with brief descriptive information, for multiple transmitter-distributor units and bases hereafter referred to as multiple transmitter units and multiple transmitter bases. Three multiple transmitter units mounted on a multiple transmitter base make up what is here referred to as a multiple transmitter.

(a) **Table A** gives coding information for multiple transmitter units for handling tape (MXD) and multiple transmitter units with no tape-handling facilities (MFD) which can be used for message numbering.

(b) **Table B** gives coding information for multiple transmitter bases (MXB) used to mount the various MXD and MFD units.

1.02 Some multiple transmitters have been assigned Bell System codes (1A, 1B, 1C, 1D, and 1E). Because of the number of units and bases now available it is no longer desirable to code complete multiple transmitters, and they should be obtained by selecting the desired multiple transmitter units and the proper multiple transmitter base from Table A and Table B respectively using Teletype codes.

1.03 Refer to BSP Section P33.001 (Multiple Transmitter Requirements and Procedures) for other Bell System Practices to be used in conjunction with this section.

Table A—Multiple Transmitter Units—5-unit Code

[Unless Otherwise Noted Unit Equipped with 12-conductor Jones Plug Connector, Hinged Tape Lid, DC Clutch Magnets 105 Ohms Each, Filter (Transmitting Contacts)]

TYPE	CODE	WIRING DRAWING	SPEED WPM	USED ON BASE	WIRING DRAWING	SIMILAR TO	DIFFERENCE	REMARKS
Message	MXD18	2873WD	100	MXB10 MXB17	2883WD 2885WD	MXD19	Speed—100 wpm.	High-speed Derus—100 wpm.
Message	MXD16	2873WD	60 80 60 60 45	MXB11 MXB12 MXB202 MXB207 MXB227	2883WD 2883WD 2817WD 2885WD 2885WD	Speed—100 wpm.		
Numbering	MXD17	2506WD	60	MXB201 MXB208	2508WD 2608WD	MXD18	Wiring. Letters-arriving mechanism.	
Message	MXD24	2885WD	60,75	MXB220 MXB222	2887WD 2887WD	MXD27	All-steel internal expansion clutch. Slip connectors.	Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.
Numbering	MXD25	2830WD	60,75	MXB221 MXB228	2832WD 2832WD	MXD28	All-steel internal expansion clutch. Slip connectors.	Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.
Numbering	MXD26	2608WD	60,75	MXB218	2722WD	MXD25	Has Jones connector.	Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.
Message	MXD27	2905WD	60,75	MXB210	2794WD	MXD24	Has Jones connector.	Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.
Numbering	MFD4	2883WD	100	MXB70	2885WD	MXD12	NO tape-arriving or tape-feeding mechanism.	Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit. Individually insulated contacts. Requires additional relay equipment for message numbering.
Numbering	MFD5	2392WD	60	MXB11	2585WD	MFD1	Speed—80 wpm.	Individually insulated contacts. Requires additional relay equipment for message numbering.

[Unless Otherwise
Hinged Tape Li

<u>TYPE</u>	<u>CODE</u>	<u>WIRING DRAWING</u>	<u>SPEED WPM</u>	<u>USE BA</u>
Message	MXD12	2973WD	100	MX MX
Message	MXD13	2973WD	60 60 60 60 75	MX MX MX MX MX
Numbering	MXD17	2506WD	60	MX MX
Message	MXD24	2835WD	60,75	MX MX
Numbering	MXD25	2836WD	60,75	MX MX
Numbering	MXD26	2506WD	60,75	MX
Message	MXD27	2795WD	60,75	MX
Numbering	MFD4	2383WD	100	MX
Numbering	MFD5	2383WD	60	MX

Table A—Multiple Transmitter Units—5-unit Code

Otherwise Noted Unit Equipped with 12-conductor Jones Plug Co
Tape Lid, DC Clutch Magnets 105 Ohms Each, Filter (Transmitting Co

<u>USED ON BASE</u>	<u>WIRING DRAWING</u>	<u>SIMILAR TO</u>	<u>DIFFERENCE</u>
MXB10 MXB17	2385WD 2385WD		
MXB11 MXB12 MXB202 MXB207 MXB227	2385WD 2385WD 2517WD 2385WD 2385WD	MXD12	Speed—60 wpm.
MXB201 MXB208	2508WD 2508WD	MXD13	Wiring. Letters-sensing
MXB220 MXB222	2837WD 2837WD	MXD27	All-steel internal expans Slip connectors.
MXB221 MXB223	2838WD 2838WD	MXD26	All-steel internal expans Slip connectors.
MXB218	2792WD	MXD25	Has Jones connector.
MXB219	2796WD	MXD24	Has Jones connector.
MXB10	2385WD	MXD12	No tape-sensing or tap mechanism.
MXB11	2385WD	MFD4	Speed—60 wpm.

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es Plug Connector,
smitting Contacts)]

DIFFERENCE

REMARKS

High-speed parts—100 wpm.

m.

ers-sensing mechanism.

rnal expansion clutch.
s.

Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.

rnal expansion clutch.
s.

Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.

ector.

Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.

ector.

Cam-sleeve and accessories for conversion to 100-wpm operation furnished with unit.

ing or tape-feeding

Individually insulated contacts.
Requires additional relay equipment for message numbering.

n.

Individually insulated contacts.
Requires additional relay equipment for message numbering.

SMITTER
D BASES
CODING

Table B-

(Unless Otherwise Noted Base Equip
12-conductor Jones Connector for M

<u>TYPE</u>	<u>CODE</u>	<u>FINISH</u>	<u>WIRING DRAWING</u>
Message and Numbering	MXB10	AB	2385WD
Message and Numbering	MXB11	AB	2385WD
Message	MXB12	AB	2385WD
Message	MXB16	AB	2385WD
Message	MXB17	AB	2385WD
Numbering	MXB201	AA to CZ	2508WD
Message	MXB202	AA to CZ	2517WD
Message	MXB207	AA to CZ	2385WD
Numbering	MXB208	AA to CZ	2508WD
Numbering	MXB215	AA to CZ	2723WD
Numbering	MXB218	AA to CZ	2792WD
Message	MXB219	AA to CZ	2796WD
Message	MXB220	AA to CZ	2837WD
Numbering	MXB221	AA to CZ	2838WD
Message	MXB222	AA to CZ	2837WD
Numbering	MXB223	AA to CZ	2838WD
Message	MXB227	AA to CZ	2385WD

Table B—Bases for MXD and MFD Multiple Transmitter Units

Base Equipped with 60-cycle Synchronous Motor, Power Switch, Control Panel for MXD Units, 27-conductor Jones Plug and Cable, 3-conductor

<u>WIRING DRAWING</u>	<u>SPEED WPM</u>	<u>ARRANGED FOR MOUNTING UNITS</u>	
2385WD	100	2-MXD12, 1-MFD4	Same as base which
2385WD	60	2-MXD13, 1-MFD5	Same as base which Similar to MXB10
2385WD	60	3-MXD13	Same as base which Similar to MXB11 in extreme right-h
2385WD	75	3-MXD13	Same as base which Similar to MXB10 in extreme right-h
2385WD	100	3-MXD12	Same as base which Similar to MXB10 in extreme right-h
2508WD	60	3-MXD17	Similar to MXB11 for message numbe
2517WD	60	3-MXD13	Similar to MXB11
2385WD	60	3-MXD13	Similar to MXB12
2508WD	60	3-MXD17	Same as MXB201
2723WD	60	3-MXD17	Tape reels for me
2792WD	60,75,100	3-MXD26	Tape reels for mes for 75- and 100-wp
2796WD	60,75,100	3-MXD27	Similar to MXB202
2837WD	60,75,100	3-MXD24	Similar to MXB21 and 100-wpm oper
2838WD	60,75,100	3-MXD25	Similar to MXB21 and 100-wpm oper
2837WD	60,75,100	3-MXD24	Same as MXB220 100-wpm operation
2838WD	60,75,100	3-MXD25	Same as MXB221 100-wpm operation
2385WD	75	3-MXD13	Similar to MXB20

Units

Switch, Contact Spark Protection,
(3-conductor Power Cord and Plug)

REMARKS

as base which is part of Bell System 1B multiple transmitter.

as base which is part of Bell System 1A multiple transmitter.
r to MXB10 except for speed.

as base which is part of Bell System 1C multiple transmitter.
r to MXB11 except has cover with a tape chute for distributor unit
reme right-hand position.

as base which is part of Bell System 1E multiple transmitter.
r to MXB10 except has cover with a tape chute for distributor unit
reme right-hand position. Cancelled—superseded by MXB227.

as base which is part of Bell System 1D multiple transmitter.
r to MXB10 except has cover with a tape chute for distributor unit
reme right-hand position.

r to MXB11 except has three sets of control relays and tape reels
message numbering.

r to MXB11.

r to MXB12 except has governed motor.

as MXB201 except has AC series motor.

reels for message numbering. Cancelled—replaced by MXB218.

reels for message numbering. Large capacity reels. Has extra gears
- and 100-wpm operation.

r to MXB202 except has extra gears for 75- and 100-wpm operation.

r to MXB219 except has slip connectors. (Has extra gears for 75-
00-wpm operation)

r to MXB218 except has slip connectors. (Has extra gears for 75-
00-wpm operation)

as MXB220 except ac series motor. (Has extra gears for 75- and
00-wpm operation)

as MXB221 except ac series motor. (Has extra gears for 75- and
00-wpm operation)

r to MXB207 except speed and motor.
