

STATION DIALS

TOUCH-TONE TYPE

SELECTION

1. GENERAL

1.01 Tables A (dials and adjuncts) and B (card dialers and adjuncts) list the various TOUCH-TONE[®] dials and their intended use.

Detailed information may be found in the referenced identification section.

TABLE A

DIALS

DIAL	REPLACED BY	INTENDED USE	REMARKS	SECTION REFERENCE
22B3	—	1616-type CALL DIRECTOR [®]	Has two special service pushbuttons marked P (priority) and SG (special grade)	501-164-102
22C3	—	Master and maintenance control centers of No. 1 and 101 ESS	Dial is keyed remotely by automatic test frame to provide frequencies for testing, also used for normal dialing	
22D3	—	2626A1 telephone set, 904E data test center, 10C telegraph test board, attendant circuit for M35 teletypewriter, master control center 4-wire ESS	Similar to 22C3 except for minor variations in the common switch	
22E3	—	SCAN, 1616-type CALL DIRECTOR, 3-type speakerphone	Has leads for polarity guard, surge protector, amplified handsets and 2/4 wire telephone sets	*
25A1	—	General purpose 1500-type telephone sets	Has standard common switch. Cannot be used with speakerphone	501-164-105
25A3 (MD)	25W3			
25B3 (MD)	25Y3	General purpose 1500-type telephone sets arranged for speakerphone	Similar to 25A3 (MD) dial but has an expanded common switch and additional leads	
25D3 (MD)	25M3 (MD)	26B dial (MD)	Similar to 25A3 (MD) dial but has expanded common switch and additional leads to card dialer	
25E3	—	1A2, 2A2, and 1235G coin telephones	Similar to 25A3 (MD) dial but has modified circuit for use with coin telephones	
25F1	—	Attendants console in WADS	Similar to 25A1 but has an expanded common switch and a modified circuit board	
25G1	—	26C dial	Similar to 25F1 but has additional leads to card dialer	
25H4 (MD)	25P4	1702-type telephone set		
25J3	—	1B5A and 2B7A-type telephone console in 757 PBX	Has expanded common switch providing additional functions necessary (for use with 757A PBX)	
25K3 (MD)	25S3	552 and 555 PBXs	Plug ended — to mount on switchboard, a 50A dial mounting must be used	

TABLE A
DIALS (Cont)

DIAL	REPLACED BY	INTENDED USE	REMARKS	SECTION REFERENCE
25L3	—	1234G coin collector	Similar to 25A3 (MD) dial but has modified circuit for use with coin collectors	501-164-105
25M3 (MD)	25R3	26D dial (MD)	Similar to 25D3 (MD) but with minor common switch wiring changes and additional leads to card dialer	
25N3 (MD)	25T3	26E (MD) dial in 557A and 557B PBX	Plug ended to mount in PBX card dialer	
25P4	—	1702-type telephone set	Similar to 25H4 (MD) with extra leads for polarity guard, surge protector, amplified handsets, and 2/4 wire telephone sets	
25R3	—	26F dial	Similar to 25M3 (MD) with extra leads for polarity guard, surge protector, amplified handsets, and 2/4 wire telephone sets	
25S3	—	552 and 555 PBXs	Plug ended — to mount on switchboard, a 50A dial mounting must be used	
25T3	—	26G dial in 557A and 557B PBX	Plug ended to mount in PBX card dialer	
25U3	—	1671A type telephone set (CALL-A-MATIC®)	Spade tip leads connect to telephone circuit and plug ended to connect to 51A dial	
25W3	—	General purpose 1500-type telephone sets	Similar to 25A3 (MD) with extra leads for polarity guard, surge protector, amplified handsets, and 2/4 wire telephone sets	
25Y3	—	General purpose 1500-type telephone sets arranged for speakerphone	Similar to 25B3 (MD) with extra leads for polarity guard, surge protector, amplified handsets, and 2/4-wire telephone sets	
35A3A	—	General purpose 2500 series telephone sets	Has leads for polarity guard, surge protector, amplified handsets, and 2/4-wire telephone sets	501-164-115
35B3 (MD)	35C3A	1035B3 (MD) dial, 3-type speakerphone systems		
35C3A	—	1035C3A dial, 2504B, 2558, 2568HP, 2684, and 2685 type telephone sets, 3-type speakerphone	Has leads for polarity guard, surge protector, amplified handsets, and 2/4-wire telephone sets	
35D3A	—	36E dial, 1036E dial, 3-type speakerphone		

TABLE A
DIALS (Cont)

DIAL	REPLACED BY	INTENDED USE	REMARKS	SECTION REFERENCE
35E4A	—	11G and 11H apparatus units, 2712-type telephone sets, telephone sets using 4010D network or equivalent	Has leads for polarity guard, surge protector, amplified handsets, and 2/4-wire telephone sets Can be illuminated by lamp in associated telephone set	501-164-115
35F3A	—	1B- and 2B-type telephone consoles		
35G3A	—	1A2 and 2A2 coin telephones		
35H3A	—	PBX	Similar to 25S3 but has two additional special service buttons and requires a 50-type dial mounting	
35J3A	—	36-type dial for PBX	Similar to 25T3 but has two additional special service buttons	
35K3A	—	2671-type telephone set, 3-type speaker-phone		
35L3A	—	36H dial	Similar to 35D3A except for extra leads and for parallel operation of common switch functions	*
35M3 MD	35D3A	36D dial (MD) 3-type speakerphone		501-164-115
35N1A	—	33- and 35-type teletypewriter	Similar to 25F1 but has two additional special service buttons	*
35N3A	—		Same as 35 N1A except marked for "number-letter" dialing	
35P1A	—	36J dial in 33- and 35-type teletypewriter	Similar to 25G1 but has two additional special service buttons	
35P3A	—	36K dial in DATA-PHONE service provided by 33- and 35-type teletypewriters	Same as 35P1A except marked for "number-letter" dialing	
66A3A	—	3568HT, 3640A1A, 3641A1A telephone sets for AUTOVON, also in standard telephone circuits using 425E or equivalent networks	Provides switching facilities for use with speaker-phone	501-164-123
66A4B	—	For AUTOVON where an illuminated dial is required, also in standard telephone circuits using 425A or equivalent networks		
66B3A	—	67A dial for AUTOVON telephone circuits using 425E or equivalent network		

TABLE A
DIALS (Cont)

DIAL	REPLACED BY	INTENDED USE	REMARKS	SECTION REFERENCE
66B4B	—	67B dial for AUTOVON, also in standard telephone circuits using 425E or equivalent networks	Similar to 66B3A except illuminated	501-164-123
66C3A	—	Dial Restoration Panel for AUTOVON, also in standard telephone circuit using 425E or equivalent network	Provides switching facilities for use with speaker-phone	
66D3A	—	AUTOVON PBX	Requires 50B dial mounting	
66D4B	—		Similar to 66D3A except illuminated	
80B2A	—	1220A hand telephone set		501-165-180
82A2A	—	2220B hand telephone set		*

DIAL ADJUNCTS

1025A3 (MD)	1025W3	4A key equipment, rotary dial 211-type hand telephone set		501-164-128
1025W3	—			
1035B3 (MD)	1035C3A	With regular subscriber set for Digital Inquiry-Voice Answer Service	Provided with 35B3 (MD) dial and polarity guard, permits end-to-end signaling where CO is not equipped to handle TOUCH-TONE	501-164-130
1035C3A	—		Provided with 35C3A dial and polarity guard, has an expanded common switch which permits end-to-end signaling with sets wired for speaker-phone, use of amplified handsets, 2/4-wire telephone sets	

*Not in current section reference.

TABLE B
CARD DIALERS

DIAL	REPLACED BY	INTENDED USE	REMARKS	SECTION REFERENCE
26B (MD)	26D (MD)	1622-type telephone sets	Combination of 25D3 (MD) dial and card reading mechanism, provides switching facilities for use with 3A speakerphone	501-164-106
26C	—	Attendant console of 33- and 35-type teletypewriters	Combination of 25G1 dial and card reading mechanism, current models have 3-pole single-throw switch to enable manual dialing when card is in stop position	
26D (MD)	26F	1660-, 1662-, 1663-, and 1664-type telephone sets	Combination of 25M3 (MD) dial and card reading mechanism, polarity guard cannot be used when dial is connected to speakerphone	
26F	—		Combination of 25R3 dial and card reading mechanism, has 3-pole, single-throw switch to enable manual dialing when card is in stop position, polarity guard can be used when dial is connected to speakerphone	
26G	—	557A and 557B PBX	Combination of 25T3 dial and card reading mechanism, leads terminate in a KS-19088, List 5 plug, has 3-pole, single-throw switch to enable manual dialing when card is in stop position, polarity guard can be used	
36D (MD)	36E	1036D dial	Combination of 35M3 (MD) dial and card reading mechanism. Manual dialing when card is in stop position on models manufactured after Oct. '66	501-164-116
36E	—	1036E dial, 2260-, 2262, 2663-, and 2664-type telephone sets	Combination of 35D3A dial and card reading mechanism. Manual dialing when card is in stop position, can be used with speakerphone and polarity guard	
36H	—	804P3 data auxiliary set	Combination of 35L3A dial and card reading mechanism. Manual dialing when card is in stop position. Dial and card reader are not mechanically connected. A MB5 relay functions as a common switch during card dialing.	*

TABLE B
CARD DIALERS (Cont)

DIAL	REPLACED BY	INTENDED USE	REMARKS	SECTION REFERENCE
36J	—	33- and 35-type teletypewriter	Combination of 35P1A dial and card reading mechanism. Similar to 26C but has two additional special service buttons.	*
36K	—		Combination of 35P3A dial and card reading mechanism. Same as 36J except marked for "number-letter" dialing.	
36L	—	557A and 557B PBX	Combination of 35J3A dial and card reading mechanism. Similar to 26G but has two additional buttons.	
67A	—	3666A1A telephone set	Combination of 66B3A dial and card reading mechanism, can be used with speakerphone	501-164-124
67B	—	3666A1B telephone set	Combination of 66B4B dial and card reading mechanism, illuminated by two 53A lamps	

CARD DIALER ADJUNCTS

1036D (MD)	1036E	For use with subscribers regular rotary dial telephone set, provides end-to-end signaling when CO is not equipped to handle TOUCH-TONE calls	36D (MD) dial mounted in housing.	501-164-131
1036E	—		Provided with a 36E dial and polarity guard, permits operation of telephone set and adjunct with 3-type speakerphone	

*Not in current section reference.