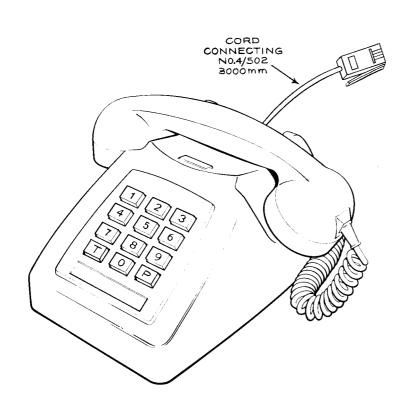
TELEPHONE No.8772

PRESS-BUTTON TELEPHONE WITH 10 PPS SIGNALLING INCORPORATING A 10 ADDRESS REPERTORY DIALLER AND WITH PROVISION FOR 1-2 PRESS-BUTTONS



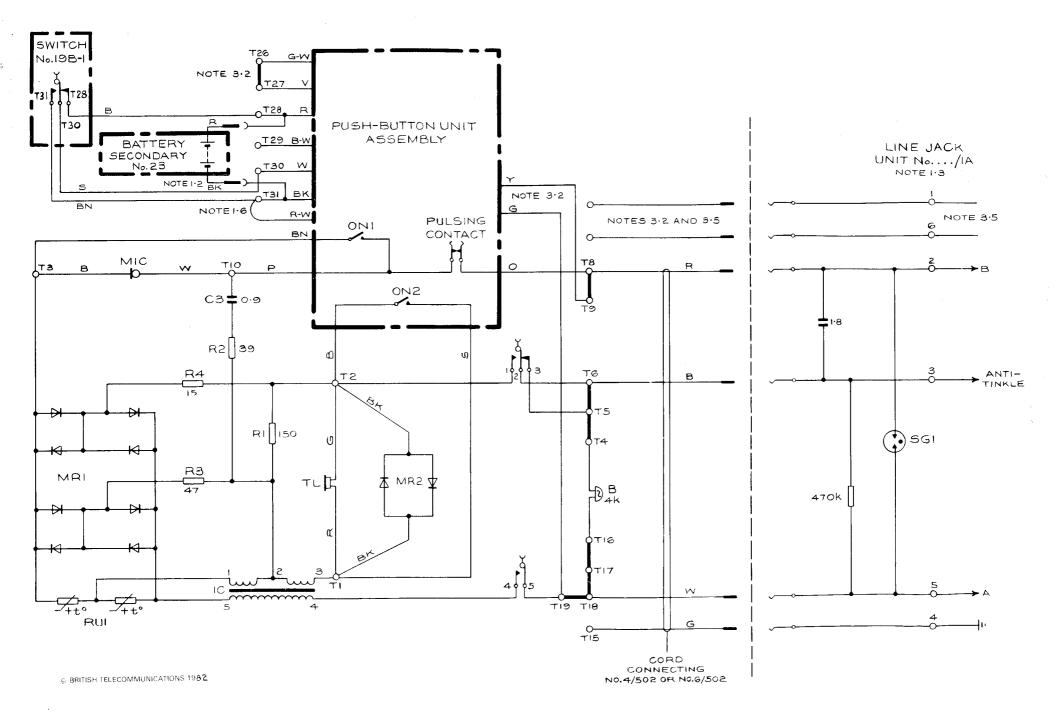
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BRITISH TELECOMMS HQRS					
PAPER - W	3		SWITCH NO 198-1 CONTACT OF		
		A	SWITCH NO. 198-1 CONTACT NUMBERS T28-T31 ADDED (PAGE 2)	SE 1-1-2	18-2-83
GENERAL		\angle	the the Company	PD I-I-I	6-1-82

NOTES:-

- ITELEPHONE No.8772 CONTAINS AN ELECTRONIC CIRCUIT IN PLACE OF THE DIAL WHICH IS POWERED FROM A BATTERY CONTAINED WITHIN THE TELEPHONE. THE BATTERY MAY BE RECHARGED FROM LINE CURRENT OR FROM AN EXTERNAL POWER-UNIT. SEE NOTES 3:1 TO 3:7. IN ADDITION TO PROVIDING LOOP DISCONNECT SIGNALLING THE CIRCUIT ALSO PROVIDES LAST NUMBER REDIAL AND REPERTORY DIAL FACILITIES FOR UP TO IO NUMBERS.
- 1.2 THE BATTERY IS NOT SUPPLIED WITH THE TELEPHONE AND MUST BE REQUISITIONED SEPARATELY AS FOLLOWS:—

 "BATTERY SECONDARY NO. 23 BLUE."

 THE BATTERY MUST BE REMOVED WHEN RECOVERING THE TELEPHONE.
- 13 THE TELEPHONE NO.8772 IS FITTED WITH A HIGH IMPEDANCE BELL AND IS INTENDED FOR PARALLEL WORKING USING A LINE JACK UNIT..., OR JACK No.620 SERIES.
- 1.4 THE LINE JACK UNIT..../IA, 2A OR 3A SHOULD BE USED AS APPROPRIATE. FOR PBX EXTERNAL EXTENSIONS A LINE JACK..../IA SHOULD BE USED IF PRIMARY SURGE PROTECTION IS REQUIRED AS DEFINED IN TI C3F0052 SECTION 4.
- I.5 TELEPHONES NO.8772 CANNOT BE USED TO SET UP SUBSCRIBERS CONTROLLED GROUP TRANSFER EXCEPT ON TXE2 AND TXK3 EXCHANGES WHERE TRANSFER EQUIPMENT IS NOT REQUIRED AT THE CUSTOMERS PREMISES.
- THE TELEPHONE CAN BE PROGRAMMED WITH A SINGLE ACCESS DIGIT FOR USE ON PABX'S IF REQUIRED. TO PROVIDE THIS FACILITY MOVE THE R-W WIRE FROM TSI TO T28. THIS FACILITY IS LIMITED TO ONE ACCESS DIGIT ONLY. IF THE CUSTOMER WISHES TO STORE NUMBERS WHICH REQUIRE MORE THAN ONE ACCESS DIGIT, e.g. INTER-PBX AND PUBLIC EXCHANGE ACCESS, OR AN EXTENSION ON THE SERVING PABX; THE FACILITY SHOULD NOT BE PROVIDED.



TELEPHONE No.8772

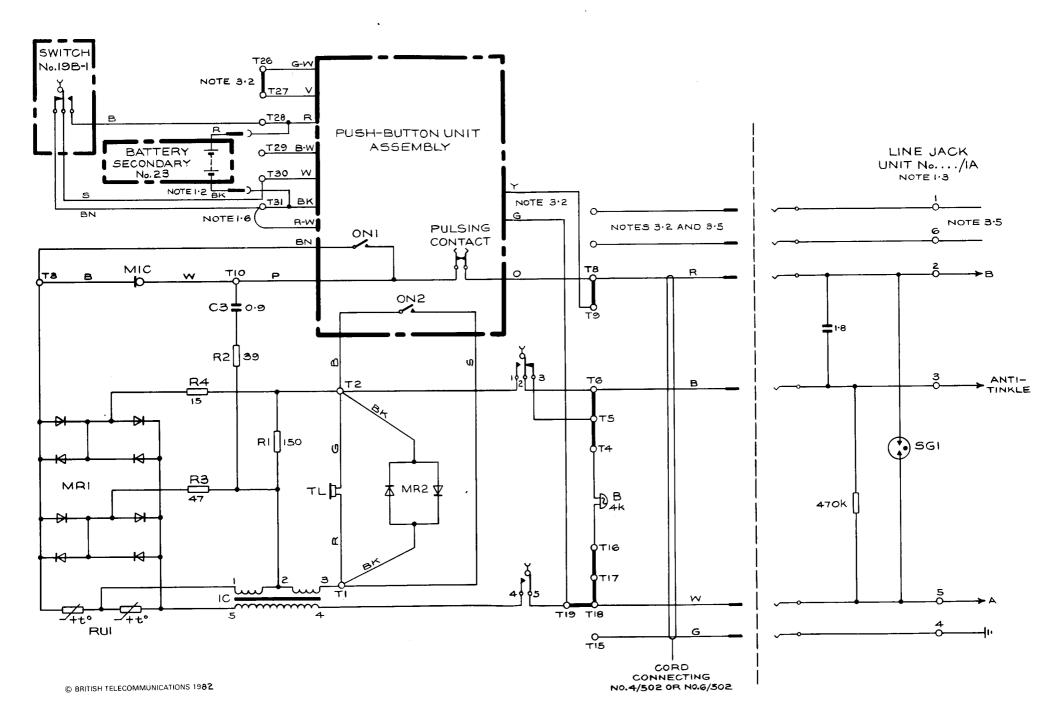
PRESS-BUTTON TELEPHONE WITH 10 PPS SIGNALLING INCORPORATING A 10 ADDRESS REPERTORY
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- 1:6 THE TELEPHONE CAN BE PROGRAMMED WITH A SINGLE ACCESS DIGIT FOR USE ON PABY'S IF REQUIRED. TO PROVIDE THIS FACILITY MOVE THE R-W WIRE FROM TSI TO T28. THIS FACILITY IS LIMITED TO ONE ACCESS DIGIT ONLY. IF THE CUSTOMER WISHES TO STORE NUMBERS WHICH REQUIRE MORE THAN ONE ACCESS DIGIT, e.g. INTER-PBX AND PUBLIC EXCHANGE ACCESS, OR AN EXTENSION ON THE SERVING PABX; THE FACILITY SHOULD NOT BE PROVIDED.



NOTES:

CHARGING

- 3:1 TABLE 2 IN ASSOCIATION WITH TABLE 3 SHOWS THE METHOD OF BATTERY CHARGING THAT SHOULD BE USED FOR A PARTICULAR SITUATION. FOR ANY SITUATION NOT COVERED IN TABLE 2, CHARGE FROM A POWER-UNIT No.53 USING METHOD C.
- 3.2 THE TELEPHONE IS ISSUED WITH THE CHARGING CIRCUIT CONNECTED FOR LINE CHARGING, METHOD A. FOR OTHER CHARGING METHODS RELOCATE STRAP (T26-T27), YELLOW WIRE (T9) AND GREEN WIRE (T19) AS INDICATED IN TABLE 3.
- 3.3 THE TELEPHONE MUST NOT BE REMOVED FROM A SOCKET FOR MORE THAN A FEW HOURS, OR DIALLING PROBLEMS MAY BE INCURRED.
- 3.4 DIRECT LINES AND EXTENSIONS
 ONLY ONE BATTERY MAY BE CHARGED FROM LINE CURRENT
 (METHOD A OR B). WHERE ADDITIONAL BATTERY POWERED
 TELEPHONES (e.g. TELEPHONES Nos 772 AND 8772) ARE
 REQUIRED POWER-UNIT CHARGING MUST BE USED
 (METHOD C).
- 3.5 WHERE POWER-UNIT CHARGING METHOD C IS USED REMOVE THE YELLOW AND GREEN WIRES FROM T9, T19, CONNECT THEM TO TWO SPARE TERMINALS AND USE A CORD CONNECTING No.6/502 TO.CONNECT THE POWER-UNIT. THE POWER UNIT SHOULD BE CONNECTED TO TERMINALS I AND 6 OF THE LINE JACK UNIT....
- 3.6 A MAXIMUM OF 80 BATTERIES MAY BE CHARGED FROM A SINGLE POWER-UNIT No.53A. MOREOVER IT IS RECOMMENDED THAT NO MORE THAN 10 BATTERIES BE CHARGED FROM A SINGLE FUSED OUTLET.
- 3.7 IN SITUATIONS WHERE THE TELEPHONE IS SUBJECT TO HIGH USAGE (IN EXCESS OF 80 CALLS PER DAY) POWER-UNIT CHARGING IS RECOMMENDED.
- 3.8 SUBS CARRIER WB900, THE TELEPHONE MUST HAVE POWER-UNIT CHARGING (METHOD C).

OPERATING AND TEST PROCEDURE

- 3.9 THE PROCEDURE IN TABLE! SHOULD BE USED TO CHECK THAT THE TELEPHONE IS FUNCTIONING CORRECTLY.
 - a EXTENSION NUMBERS CANNOT BE PROGRAMMED OR REPEATED IF AN ACCESS DIGIT HAS BEEN PROGRAMMED.
 - IN TABLE I THE FOLLOWING ABBREVIATIONS
 HAVE BEEN USED:—
 T—BUTTON T DEPRESSED AND RELEASED.
 P—BUTTON P DEPRESSED CONTINUOUSLY WHILE
 OTHER BUTTONS SIGNIFIED UNDER THE "BAR" ARE
 DEPRESSED, (THE OTHER BUTTONS NEED NOT BE
 CONTINUOUSLY DEPRESSED). THIS PROVIDES A
 MEASURE OF SECURITY AGAINST ACCIDENTAL
 PROGRAMMING OR ERASURE OF A STORE.
 W—CUSTOMER PAUSES AND WAITS FOR DIAL
 TONE BEFORE RECOMMENCING.
 TN—TELEPHONE NUMBER.
 AD—ACCESS DIGIT.
 EN—EXTENSION NUMBER.
 D—STORE LOCATION D IN THE RANGE I TO O.
 - C OPERATONS 3 AND 4 MUST BE PERFORMED WITH HANDSET OFF THE REST.
 - d SOME PBX'S DO NOT RETURN DIAL TONE. HENCE NO PAUSE IS REQUIRED AND THE TELEPHONE IS TREATED AS IF IT IS A NON PBX INSTALLATION HAVING ALL EXTERNAL CALLS PREFIXED BY THE REQUIRED ACCESS DIGIT. THE ACCESS DIGIT BEING STORED AS PART OF THE TELEPHONE NUMBER AND NOT PROGRAMMED AS IN NOTE I.G.

TABLE I	KEYING SEQUENCE TELEPHONE No.8772				
NOTE 3.9b	INSTALLATION TYPE NON PABX PABX				
OPERATION	NOTE 3.9d	W/O AD PROGRAMMED	WITH AD PROGRAMMED		
I USE AS A PRESS — BUTTON TELEPHONE	TN	AD.W.TN	AD. W. TN		
2 USE TO CALL AN INTERNAL PABX EXTN		EΝ	EΝ		
3 PROGRAMMING ; ACCESS DIGIT			P.T.AD		
IN STORE D	P.D.TN	P.D.TN	P.D.TN		
4 ERASURE i ACCESS DIGIT			P.T		
IN STORE D	P. D	P.D	P. D		
5 USING REPERTORY DIALLER TO i SEND TELEPHONE	0	10 W T			
No. IN STORE D	T.D	AD.W. T.D	T.W.D		
II SEND EXTENSION No.IN STORE D		T.D			
6 REPEAT LAST No.DIALLED	т.т	AD.W.T.T	T.W.T		

			. ,		10	10	
	INSTALLATION	NOTE	/'	<u> </u>	<u> </u>	2/0	
λ M M	SINGLE STATION		Α	А	С	С	
PHON	2/ OPERATORS TELEPHONE		_	_	С	_	
1 m >-	SUBS CONT TRANFER	1.5	С	C	_	_	
P X	PABX I DIRECT EXCH N.S.			В		_	
ADDITIONAL BATTERY KEYPHONES					С		

TABLE 2 BATTERY CHARGING METHOD NOTE 3.1

CHARGING METHOD		NOTE	CHARGING CIRCUIT CONNEXIONS			
		NOTE	STRAP	YELLOW	GREEN	
Α	FROM LINE				T19	
В	FROM 'A' LEG TO EARTH	3.2	T26-T27	Т9	TI5	
	10 VOLT PU	3.5	T27-T28	TO POWER-UNIT VIA		
С	50 VOLT PU	3.5	T28-T29	SPARE TERMINALS		

LINE

NOTE-METHOD C - CHOOSE WHICHEVER VOLTAGE PU IS MOST CONVENIENT

TABLE 3 CHARGING CIRCUIT CONNEXIONS NOTE 3.2