TELEPHONES No.746F \& No.746R

## TELEPHONE No.746R IS FOR USE ON PBX's WITH RECALL ONLY. NOTE A.




FIG. 1 telephone no. 746 F circuit diagram showing connexions as issued


NOTES:-
A Telephone No.746R is supplied complete with a button engraved 'Recall' and a Switch No. 5 A -4 . See fig. 37 for connexions as issued.

B Telephone No.746F may be used in place of Telephone No. 706 in dll auto extension plaris The Telephone No. 745 F may also replace the Telephone No .710 when two buttons are needed and the latching facility of the Telephone No. 710 is not required.

C See Diagrams N848 and N4700 for the parts that can be added to the felephone No. 746 .
D When an extension bell is required, remove strap BT3-BT4 and connect the bell to BT7-BT8. A Switch No.5A-3 with Button 3/OBU/264 may be connected blue to T17, slate and brown to 118 to control the extension bell. Where this crrangement is unsuitable a switch No. 2 A may be fitted in a suitable position and wired to short circuit the extension beli.
E The leads of auxiliary units should be terminated as shown on the appropriate diagram. Any spare lead should be secured to a spare terminal. Where this is not possible, the leads secrial contact with parts of the telephone and from eache the Where additional terminals are required, fit:-

$$
\begin{array}{ll}
1 \text { off Part } 2 / \mathrm{DST} / 836 & \text { For Terminals } 120-\mathrm{T} 25 \\
2 \text { off Part } 2 / \mathrm{DST} / 836 & \text { For Terminals T20-T31 } \\
1 \text { off Strip Conn. No. } 155 \mathrm{~A} & \text { For Terminals T20-T3 }
\end{array}
$$

F With the exception of the handset, dial and bell, all components are mounted on a printed wiring board. The complete unit is available for maintenance replacement as a Telephone Unit 092732
$G \mathrm{Cl}$ and C 2 may consist of two $0.9 \mu \mathrm{~F}$ capacitors as shown, or a single $1.8 \mu \mathrm{~F}$ capacitor.
H A ferminals T2A, T19R and TISB may be provided But are not used. (The Terminals are used in "746-style"push button telephones).

FIG. 2 AUTOMATIC SYSTEMS SHARED SERVICE LINES
(NOTE E)

## USING:--

Telephone No.746F
Switch No. 5A-4 (SA)
Pert I/DBU/362
Part //DPL/ 1022
2 Parts I/DPI/203
Thermistor No.lA-I (RYI)
Valve, Electronic CV8790, 7875, or 8805

## (Note B)

NOTES:-
A Remove Straps T5-T6, T16-TI7, T18-T19 and move strap in BT.
$B$ In UAX areas with vibrator ringing provide and fit Valve, Electronic CV.

C Exchange Line Connexions A' wire to BTB $\}$ station $X$ | ' wire to |
| :---: |
| A' |


D When extension bell is required, remove Strap BT2-BT3 and connect bell to ST6-BT 7
E Telephone No. 746R should not be used for shared service.

## FIG. 3 -WIRE PBX EXTENSIONS WITH RECALL

 TELEPHONE No. $746 R$ CONNEXIONS AS ISSUEDUSING:-


A Use Telephone No.746R if puailable in the required colour, alternatively use Telephone No. 746 F and fit the parts listed.

B When extension bell is required, remove Strap BT3-BT4 and connect bell to 8T7-BT8


FIG. 4 PMBX WITH ADDITIONAL SIGNALUNG C-WIRE (FMBX $2 / \ldots$ and $3 / \ldots$ NOTE C)


REMEMBER
The Telephone No. 746 F can accept 2 press-buttons (see Ogm N849). This makes it suitable for Plan IA on shared service, etc.

| OLD SYMBOL | NEW SYMB0L BS 3939 |
| :---: | :---: |
| -Accessed b <br> Hon |  |

WHAT IS A FORM A646?
It's the form you should use to advise Headquarters of any apparatus that is defective or causes difficulties in the field.

* Keep a few with you - and use them.

TI's CIA 0050 and ElA 0091 refer.

