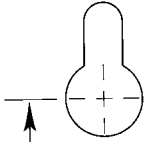


« BOREAL 5H » « BOREAL 10H »
MODE D'EMPLOI / USER MANUAL

REF 030112

S.A HENRI DEPAEPE

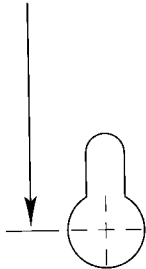
**TEMPLATE
FOR WALL
MOUNTING**



Drilling Points
100 mm

Entraxe
100 mm

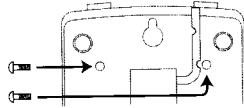
Screw : ST4 25mm
Vis : 4 x 25mm



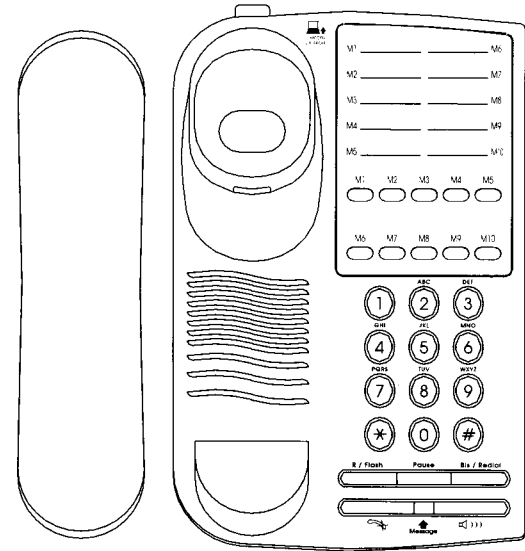
IMPORTANT

Introduire les 2 vis dans les 2 trous du fond du boîtier et visser pour assurer un bon maintien du fond sur le socle de l'appareil.

Use 2 screws to firmly secure the bracket with the base.



**PLAN DE
PERÇAGE
POUR UN
MONTAGE
MURAL**



98 Av., DE STALINGRAD

-BP 05- 92702 COLOMBES CEDEX. (FRANCE)

Les appareils « BOREAL 5H » et « BOREAL 10H » de la société DEPAEPE sont conformes à la norme de sécurité en vigueur EN 60950 Amendements 1à 11.

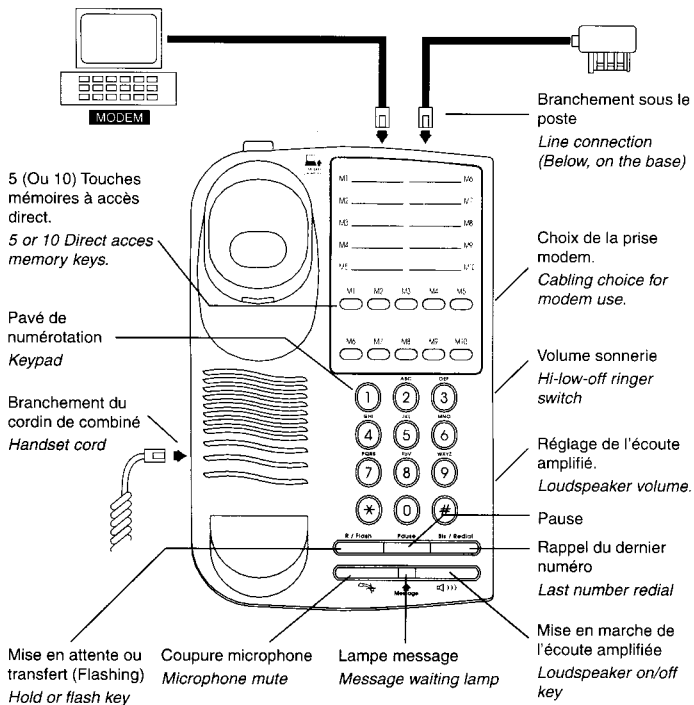
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2) RACCORDEMENT ET INSTALLATION / INSTALLATION INSTRUCTIONS

Le raccordement se fait comme ci-après :

Accès aux réseaux TRT3 (réseau téléphonique commuté)



Cet appareil est conforme aux lois européennes en vigueur

EN 60950 amendements 1 à 11.

1) INTRODUCTION

BOREAL 5H and 10H were specially designed to be used in locations where clients or users are not supposed to be able to modify settings or memory codes. All settings are hidden.

For those reasons, BOREAL 5H and 10H are perfectly adapted for hotels, hospitals, homes for the older, security departments ...

BOREAL 5H features 5 direct access memory keys (10 for the BOREAL 10H), amplified speaker, data port for use with a personal computer on the same line or on a supplementary line and a message waiting lamp.

Settings for this message waiting lamp can be adjusted to various PBXs systems.

Front label can be custom designed to include logo, personalized text and icons for memory buttons.

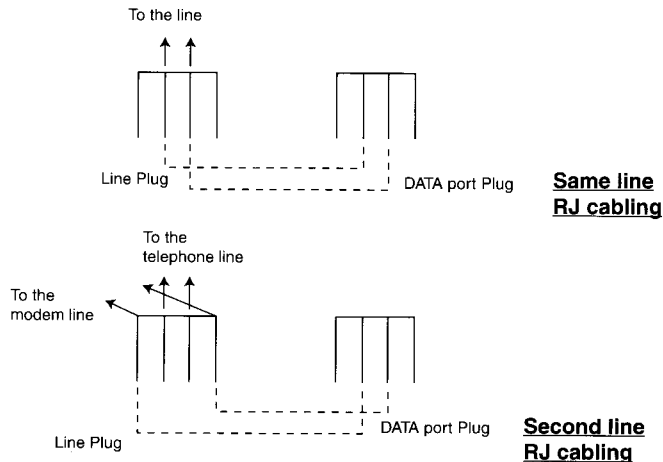
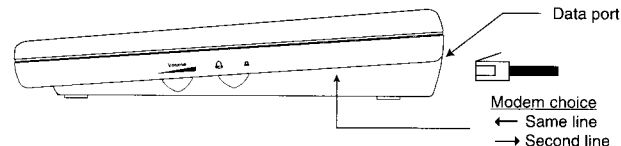
3) DIALLING MODE

Tone or pulse dialling can be selected . See "SETTING PROGRAMMING" section, page 18.

NOTE : When dialling is in the pulse mode, depressing key # or * automatically switches to tone dialling, giving access from a pulse PABX to tone systems. When returning to on-hook, the telephone automatically turns back to pulse mode.

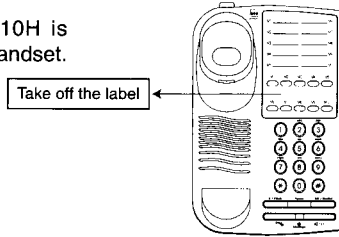
4) MODEM CHOICE

A data port is located on the top of the unit. The cabling inside of the telephone allows the data port to be connected directly on the same line as the telephone or on the 2 external wires of the line cord if a second line is available. The selection switch is located in a hole (top right of the telephone) a small screwdriver is requested. When pushed up, same line as the telephone is chosen, when pulled down, second line is chosen.

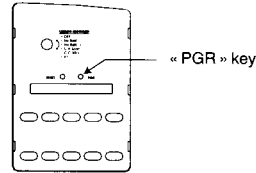


5) MEMORY PROGRAMMING AND ERASING OPERATIONS

- a) Make sure BOREAL 5H or 10H is connected to the line. Lift the handset.

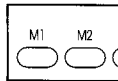


- b) Depress "PGR" key located below the label using a thin screwdriver or a pencil (see drawing). A "beep" sound should be heard through the receiver.



- c) Dial the telephone number to store including *, # or "Pause" (Pause = 2s) if needed (22 digits maxi).

- d) Press one of the memory locations



A double "beep" sound confirms the right storage.
Repeat operations from a) to d) for the 2 other memory locations.

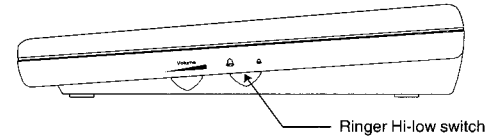
- e) Replace the handset on hook and fix the label.

NOTE : In case of wrong operation, a long "beep" sound is emitted.
Replace the handset on hook and start again from the beginning.

NOTE : If you wish to erase a number stored into a memory, repeat operations from a) to b), skip operation c) (Do not dial anything), choose the memory to erase in section d) and terminate as in section e).

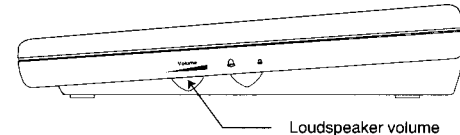
6) RINGER

High-low switch is located on the right of the telephone.



7) LOUDSPEAKER

BOREAL 5H and 10H feature a loudspeaker for group listening. This feature can be activated or deactivated by depressing "☞☞☞☞" key. Volume can be adjusted with the slide switch on the right of the telephone.



8) MESSAGE WAITING LAMP

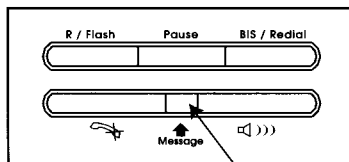
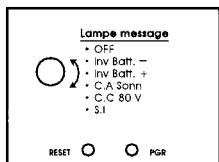
Located on the front panel of the telephone, it blinks or lights steadily when a message is waiting for the user.

BOREAL 5H and 10H message waiting lamp works with most PBXs message systems but must be adjusted before use.

Insert a screwdriver in the "lampe message" hole located below the label. Turn the switch so as to face one of the 4 following choices :

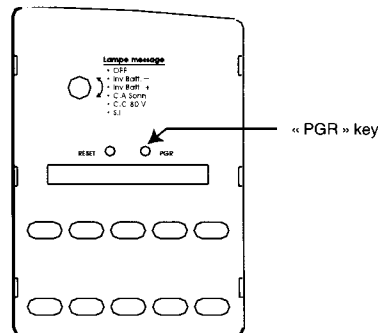
Inv bat = Reversed polarity
C.A sonn = Alternative ringing current
C.C. 80 V = 80 volts direct current
SI = Siemens technology

Note: Siemens message waiting lamp is an optional setting, which can be installed on request.



Message Lamp

9) SETTINGS PROGRAMMING



Note : Boreal 5H and 10H standard factory settings come with :

- Programming access code = 0000
- Dialling = Tone
- Hook-Flash duration = 270 ms
- Pulse make-break ratio = 66/33
- Access to memory programming = unlocked
- Call barring = unlocked

To change settings, proceed as follows :

- 1) Make sure the telephone is connected to a powered C.O. or PABX line.
- 2) Depress « PGR » key located below the label (a pencil or a thin screwdriver will help)
- 3) While keeping « PGR » key depressed , pick-up the handset .
- 4) Release « PGR » key.
- 5) 2 sharp « beep » tones will confirm entering the settings programming mode.
- 6) Enter the 4 digits programming access code with the keypad (factory pre set code is : 0000)

This code can be modified (see « LIST OF SETTINGS » section, page 21).

- 7) If the right code is entered, 2 short « beep » tones will be heard and the access to settings changes will be authorized.
If a wrong code is entered, a low « beep » tone will be heard and the unit will return to talk mode.
- 8) Enter the 2 digits selected setting access code (see « LIST OF SETTINGS » section page 21)
- 9) 2 sharp « beep » tones confirming the selection will be heard.
- 10) Enter your custom setting choice or the code or number to store.
- 11) Terminate your setting by depressing « PGR » key.
- 12) 2 sharp « beep » tones will confirm the storage of your new setting.
- 13) For other settings, proceed with operations 2 up to 12.

10) GENERAL RESET

General reset operation erases memories, access code and will return all settings to factory settings and (see « SETTINGS PROGRAMMING » section page 18).

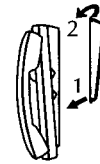
- 1) Make sure the telephone is connected to a powered C.O. or PABX line.
- 2) Depress « RESET » key (located below the label).
- 3) While keeping « RESET » key depressed, pick-up the handset.
- 4) 2 sharp « beep » tones will be heard.
- 5) Release « RESET » key.
- 6) Enter general reset code on the keypad : « 1-5-9 ».
- 7) If the right code is entered, 2 sharp « beep » tones will be heard (Don't hang up the handset).
- 8) Wait several seconds until 3 « beep » tones can be heard, confirming the general reset operation.
- 9) Hang up the handset.

11) PARTIAL RESET

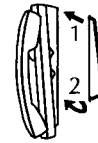
Partial reset operation will return almost all settings to factory settings, but the 4 digits programming access code as well as all numbers stored into memories will be saved (see « LIST OF SETTINGS » section page 21).

12) WALL MOUNTING

Insert the wall-mounted bracket at the bottom of the base as shown.



Desk Mounting



Wall Mounting

Align slot hole of wall mounted bracket over the 2 screws. Gently pull down the wall mounted bracket until it is held securely by the 2 screws.

13) LIST OF SETTINGS

Setting	Setting access code	Access confirmation	Setting choices	Press to valid	Valid confirmation
Dialling mode	00	2 «beep»	Pulse : 0 DTMF : 1	Pgr	2 «beep»
Pulse M/B ratio	01	2 «beep»	66/33 ms : 0 60/40 ms : 1	Pgr	2 «beep»
Hook-flash	02	2 «beep»	110 ms : 0 270 ms : 1 600ms : 2	Pgr	2 «beep»
Memories program barring	03	2 «beep»	No : 0 Yes : 1	Pgr	2 «beep»
Conversation timer	10	2 «beep»	1 up to 9 min, 0 no timer	Pgr	2 «beep»
Call barring	20	2 «beep»	No : 0 Yes : 1	Pgr	2 «beep»
Barring of 1st digit dialled	21	2 «beep»	Enter the digit to bar # No digit barred	Pgr	2 «beep»
Barring another 1st digit dialled	22	2 «beep»	Enter the digit to bar # No digit barred	Pgr	2 «beep»
Barring 2 first digits dialled	23	2 «beep»	Enter the 2 digits to bar # No digits barred	Pgr	2 «beep»
Barring a second set of 2 first digits dialled	24	2 «beep»	Enter the 2 digits to bar # No digits barred	Pgr	2 «beep»
Barring a third set of 2 first digits dialled	25	2 «beep»	Enter the 2 digits to bar # No digits barred	Pgr	2 «beep»
Barring a fourth set of 2 first digits dialled	26	2 «beep»	Enter the 2 digits to bar # No digits barred	Pgr	2 «beep»
Limitation of the number of digits dialled	30	2 «beep»	01 up to 29 (Enter 01 up to 29), * ## * no limitation « 00 » no dialling « 99 » dialling possible after memory	Pgr	2 «beep»
Changing the programming access code	40	2 «beep»	Enter the new digits twice * 0 0 0 0 *	Pgr	2 «beep»
Reset to factory settings (Memories and access code don't change)	50	2 «beep»	Enter the programming access code (4 digits)	Pgr	2 «beep»

Standard factory settings are shown in **grey**.

Depaepe



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Télécopie : 0147841899

Localité : COLOMBES

Code postal : 92702

Identification du produit :

- Nature : Terminal de Télécommunications
- Type : Poste téléphonique
- Référence commerciale : BOREAL 5H et 10H
- Autres informations : Poste bi-bloc 5 ou 10 mémoires avec écoute amplifiée

Déclare sous son entière responsabilité que le produit décrit ci-dessus est en conformité avec les exigences essentielles applicables et en particulier celles de la directive 1999/5/CE suivantes :

Article 3.1 a : (protection de la santé et de la sécurité de l'utilisateur)
.....EN 60950

Article 3.1 b : (exigences de protection en ce qui concerne la compatibilité électromagnétique)

.....EN 55022 et EN 55024.

Article 3.3 : (Raccordement au réseau public compatibilité électrique et acoustique)
..... TBR 37 (21) et TBR 38

Procédure suivie (Annexes) : II