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VELLUX SERVICE MANUAL

(Version 5.0)

This device complies with part 15 of the FCC Rules.　Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

☞ Caution:

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

A

B

C

D

E

F

G

H

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Product Features

Fig. A, B

Retail Box: 14.3 x 10.0 x 2.5 inch (37.5 x 25.5 x 6.7 cm)

1. S/N: A#####VM2200(A: lot + #####: sequential no + VM2200: model)

Fig. C

Master Transmitter (on the basis of VM2200) : 1.3Kg

- VM1100 : No support Tx, One FND set
- VM1200 : No support Tx, Two FND set
- VM2100 : support Tx, One FND set
- VM2200 : support Tx, Two FND set
- VM5000 : support Tx, No FND set

Fig. D

2. Two FND monitor

3. Speaker

4. AC/DC Adapter, Input: AC100-240V, 50/60Hz, 0.3A, Output: 9V, 1A

5. External Antenna

Fig. E

6. Antenna inlet holes

7. Volume button, level 0~3

8. EEPROM port: Reading & Writing of user's setting data form PPS(Product Program Software)

9. On/off switch

10. Adapter inlet hole

Fig. F

Bell (One button call or Three button call Bell) : 50pcs (1pcs: 25g), 2.5Kg

Fig. G

11. VB10W-One calling button with Blue LED flash and WHITE

12. VB30G-Three different calling buttons with Blue LED flash and DARK GRAY

13. VB11R-One calling button with Blue LED flash and Purplish RED

14. VB31S-Three different calling buttons with Blue LED flash and SILVER

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Fig. H
   15. Dip switch: First 5digit are channel, second 5digit are Bell ID no.
   14. S/N: A######VB10W(A: lot + ######: sequential no + VB10W: model)

Assembly

Fitting
Screw the antenna(5) into the antenna holes(6)
Insert the plug(4) into the adapter inlet hole(10)

Turning power & setting volume
Open the left cover of the Master Transmitter, turn on the On/off switch(9), set the volume level by pushing button(7).

Programming
Writing user's setting data through the EEPROM(8) by a connector with PPS software(connect PC, MS windows XP ONLY).

Setting
On/Off the dip switch(13) on the back of the BELL ID as same as user's setting data.

Hanging the Master Transmitter on the wall
Fit a screw/ hook in a suitable location on the wall. Make sure that the screw/ hook is fixed by method suitable to the wall type and appropriate to the weight of the Master Transmitter.

Fixing the Table paging on the table
Stick the Table paging on a suitable location on the table with tape.

How to use

Operation
Press the BELL one button(11,13)/three buttons(12,14), BELL No as user's setting data lights in the display with sounds.

Three buttons(12,14) show three different meaning, "Call", "Water" and "Bil", it displays BELL No with dots "." For example press the Call button of BELL

No. #100, it display "100", press the Water button of BELL No. #100, it display with one dot "10.0", the Bil button displays with two dots "10.0."
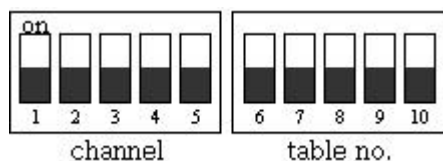
Care Guide

PPS S/W Main screen

Setting zoning

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*VM1100, VM1200 systems can set Channel, BELL No(=Table no.) and Display no., Paging Receiver is not applied.

*VM2100, VM2200 systems can set Channel, BELL No(=Table no.), Display no. and Paging Receiver.

*VM5000 system can set Channel, BELL No(=Table no.), Display no. on the Pager LCD and Paging Receiver.

*VBR-100, BELL Sub-Repeater can set Channel and BELL No(=Table no.), Display no. and Paging Receiver are not applied.

*User can dissuade same BELL No(=table no.) from paging while set a time limit.

Setting Dip switch

Channel setting value: Zero (0) to Twenty three (23)

Bell No. setting value: One (1) to Thirty one (31)

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- Maximum Channel Number Per Master Transmitter : 0~23 = 24 channel supporting.
- Maximum BELL Number Per Channel : 1~31=31 Bell supporting
- AND, Maximum Bell Number Per Master Transmitter : 24channel X 31 Bell = 744 BELL

Specifications;

Model	Vellux Main TX	Vellux Main RX	Vellux Bell	VBP-3/VHP-3(Pager)
Frequency(MHz)	219.150 ~ 219.225MHz / 433.050 ~ 434.790MHz			
Freq Stability	±7 ppm			
Data Rate	1200 bps			
Channel space	2)25 KHz			
Modulation	± 4.5KHz			
Output Power	10 mW(Max)			
Sensitivity	−118dBm (at 12dB)			−7 uV/m
Power Supply	9V 1A(Adapter)		12V 30mA (A23 1ea)	1.5V (AAA 1ea)
Dimension(mm)	340L*155H*48W		60PI*21W	43L*64H*20W
Low Battery Alert	N/A			Yes
Battery Life cycle	External Power		Max. 8000times (10times per day) 2years guarantee	Max. 30 days
Antenna	External		Internal	