SURFACE-MOUNT BACK BOX
MODEL: VC-BBX

INSTALLATION MANUAL

1 DESCRIPTION

VC-BBX is a surface-mount back box for Aiphone's VC-M Apartment Entry Security System Models; VC-0M, VC-1M, VC-2M, VC-4M, VC-8M & VC-10M VCH-8, VCH-16(add-on panels)

VC-BBX can be assembled in multiples for such cases as VC-M unit is installed together with VCH-8/16 add-on panel(s).

When mounting VC-nM/VCH panels to VC-BBX, back boxes supplied with each VC-nM/VCH units are not used. Back illumination kit is not supplied with VC-BBX. If required, please use the one supplied with VC-nM/VCH units.

Mounting accessories:

- Screw (x 2) (for mounting to gang box)
- Wood screw (x 2) (for mounting to wall surface)

2 INSTALLATION

(1) Mounting VC-nM panel to VC-BBX box;

As shown, VC-BBX may be mounted on single-gang box or to wall directly. Two cable inlets are provided at the bottom on VC-BBX, or may be introduced from top of VC-BBX, by removing either of two inlet parts by a knife.
(2) Mounting illumination lamp;

Upper lamp is applicable only for VCH-16 unit.

As shown, attach the back illumination lamp at the lower studs for VC-nM and VCH-8 units.

Attach the illumination plate to VC-BBX box in such a manner as the lamp is located between VC-BBX and the plate.

(3) Assembling VC-BBX boxes;

1. Separate connecting blocks from the VC-BBX box.

Cut off at 4 points to remove connecting blocks.
2. Knock out outside walls, as shown.

3. Assemble two VC-BBX boxes with two connecting blocks.

4. After mounting VC-BBX box(es) to wall and wiring, attach VC-nM and VCH panels to VC-BBX(s).
(4) PRE-INSTALLATION INSTRUCTIONS

(1) When assembling VC-BBX boxes lengthways, knock out cable inlet parts on top of the lower VC-BBX box.

(2) Be careful that cable should be run so as not to be pinched by the illumination plate.

(3) To avoid worms, etc. from coming into the box, it is suggested that rags or sponges, etc. be put thru the cable inlets.

Dimensions: H: 264 x W: 190 x D: 52(mm)(10-3/8" x 7-1/2" x 2-1/16")
59mm(2-5/16") deep with VC-M panel mounted on VC-BBX.

Aiphone Co., Ltd., Nagoya, Japan
Aiphone Corporation, Bellevue, Washington, USA