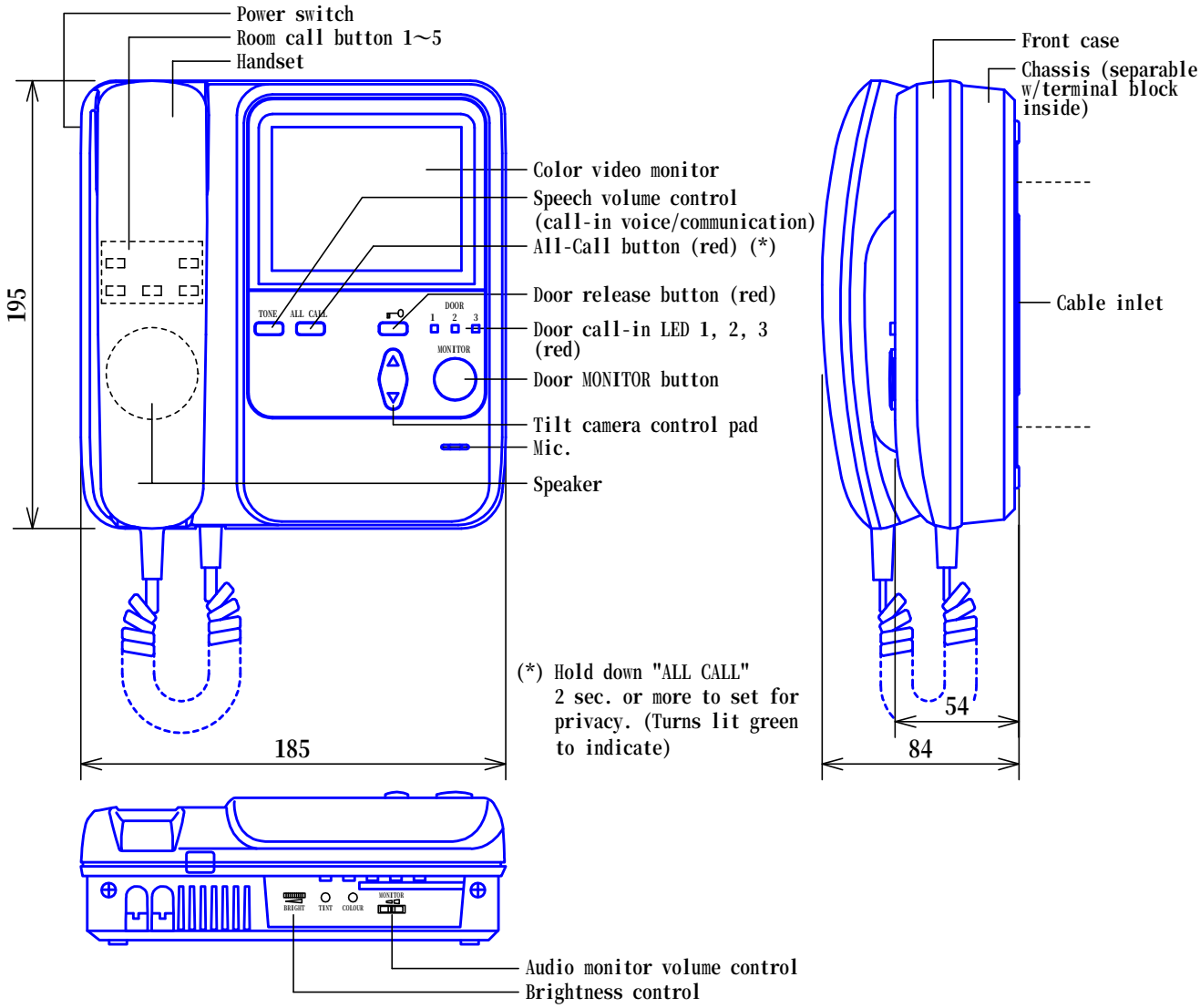
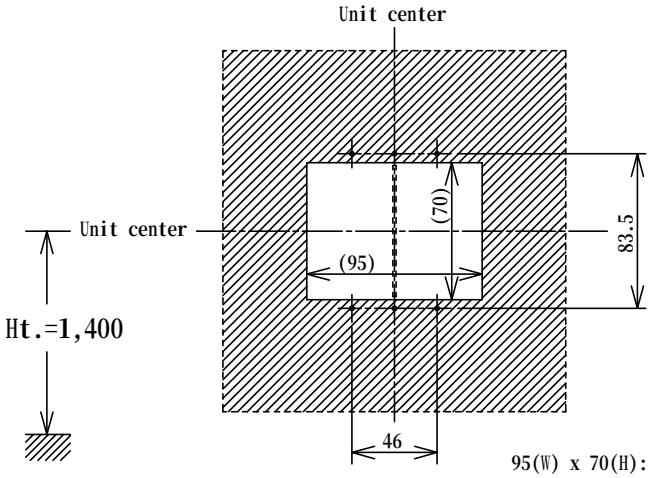
## ■PRODUCT DRAWING



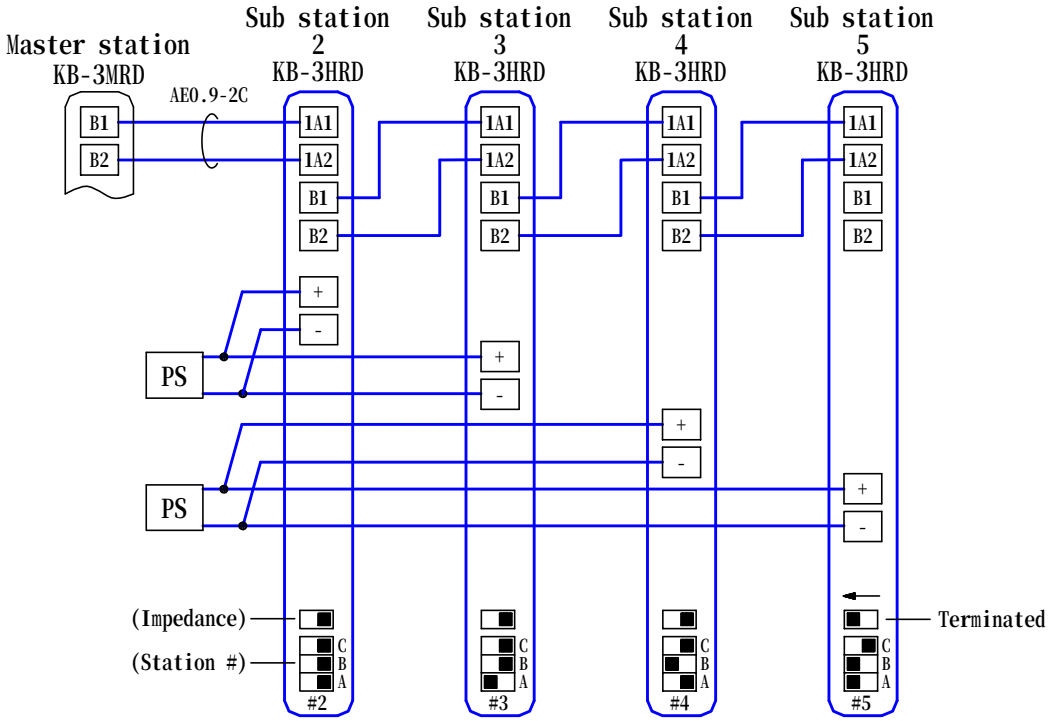

## ●MOUNTING




95(W) x 70(H): Opening cut out on the wall

| DESCRIPTION | FIG. NAME | | UNIT | DATE |
|---|---|---|---|---|
| SUB STATION (Color monitor) | PRODUCT DRAWING | | mm | 11 November, 2004 |
| MODEL NO. | FIG.NO. | PAGE | REVISION | AIPHONE |
| KB-3HRD | 40037301-1-3 | 1/3 | 1 | |

## ■WIRING DIAGRAM




- Observe that each two Sub stations (#1 & 2, and #3 & 4) are powered by a separate Power supply. (KB-3MRD Master station is always powered by a single Power supply, not combined with Sub stations).
- On the last Sub station (KB-3HRD), put Impedance switch to left (TERMINATED) position.
- Assign the Station #2～5 on each KB-3HRD Sub station.
  The switch bank A, B, C is located inside the chassis.

## ■RESTRICTIONS

- KB-3HRD is compatible with KB-3MRD Master station system only.
- Avoid installing KB-3HRD in the following locations;
  - Places under direct sunlight or near heating equipment that varies in temperature.
  - Places subject to iron dust, dust, oil, chemicals, hydrogen sulfide (hot spring), etc.
  - Places subject to moisture and humidity extremes, such as bathroom, cellar, greenhouse, etc.
  - Places where the temperature is quite low, such as inside a refrigerated area or in frontof air-conditioner.
  - Places subject to steam or smoke (heating or cooking surfaces)
- The Restrictions on wiring for the Master station shall be met.

| DESCRIPTION | FIG. NAME | | UNIT | DATE |
|---|---|---|---|---|
| SUB STATION (Color monitor) | WIRING/RESTRICTIONS | | mm | 4 March, 2003 |
| MODEL NO. | FIG.NO. | PAGE | REVISION | AIPHONE |
| KB-3HRD | 40037301-2-3 | 2/3 | 2 | |

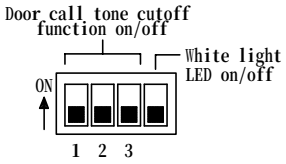
## ■FUNCTIONS

- Call-in from Door stations, Visualization of a caller and communication (Chime tone from each Door station & call-in LED steadily lit)
- Instant on audio together with image, before lifting handset to reply
- Monitor video and audio of selected door, by pressing Door MONITOR button
- Call a Sub station selectively with a Selector button. It sounds double pre-tone and call by voice direct. (All Call button flashing, turns steadily lit upon answered)
- Open voice simultaneous communication at the called station (Privacy mode can be set to prevent eavesdropping)
- All Call by pressing ALL CALL button once. It sounds single pre-tone and call by voice direct. (All Call button flashing, turns steadily lit upon answered)
- While answering door, depress and hold down Door release button to activate door strike (Door release button is steadily lit)
- Tilt the door camera up or down by pressing top or bottom of Tilt control pad.

## ■SETTING

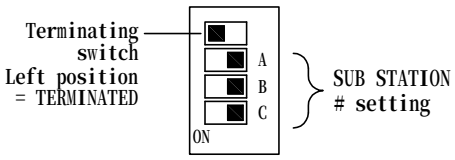
On SET switches below Directory card;

- Chime tone cut-off for each door (SW1~3).
- White light LED auto on or off (SW4).
- The LED turns on automatically when the door station is put into low light conditions.




On the SET switches inside chassis;

- Set for Station # 1~5 with three DIP switches A~C.
- Terminate on the last Station with the DIP switch.




- Adjust door audio monitor volume OFF → MID → HIGH with MONITOR switch (bottom, right).
- Adjust (1) chime tone and (2) handset voice volume with TONE control. (on front panel)
  (1) In standby; STANDARD → HIGH → LOW.
  (2) While communicating; STANDARD → HIGH → VERY HIGH.
- Set for privacy mode or release. In standby, press ALL CALL button for 2 sec. or more. ("ALL CALL" lit green)
- Adjust brightness of monitor screen. (bottom, left)
- Place the station in privacy mode. Press ALL CALL button for 2 sec. or more (while in standby mode). Operate same way to release.

| DESCRIPTION | FIG. NAME | | UNIT | DATE |
|---|---|---|---|---|
| SUB STATION (Color monitor) | FUNCTIONS/SETTING | | mm | 4 March, 2003 |
| MODEL NO. | FIG.NO. | PAGE | REVISION | AIPHONE |
| KB-3HRD | 40037301-3-3 | 3/3 | 2 | |