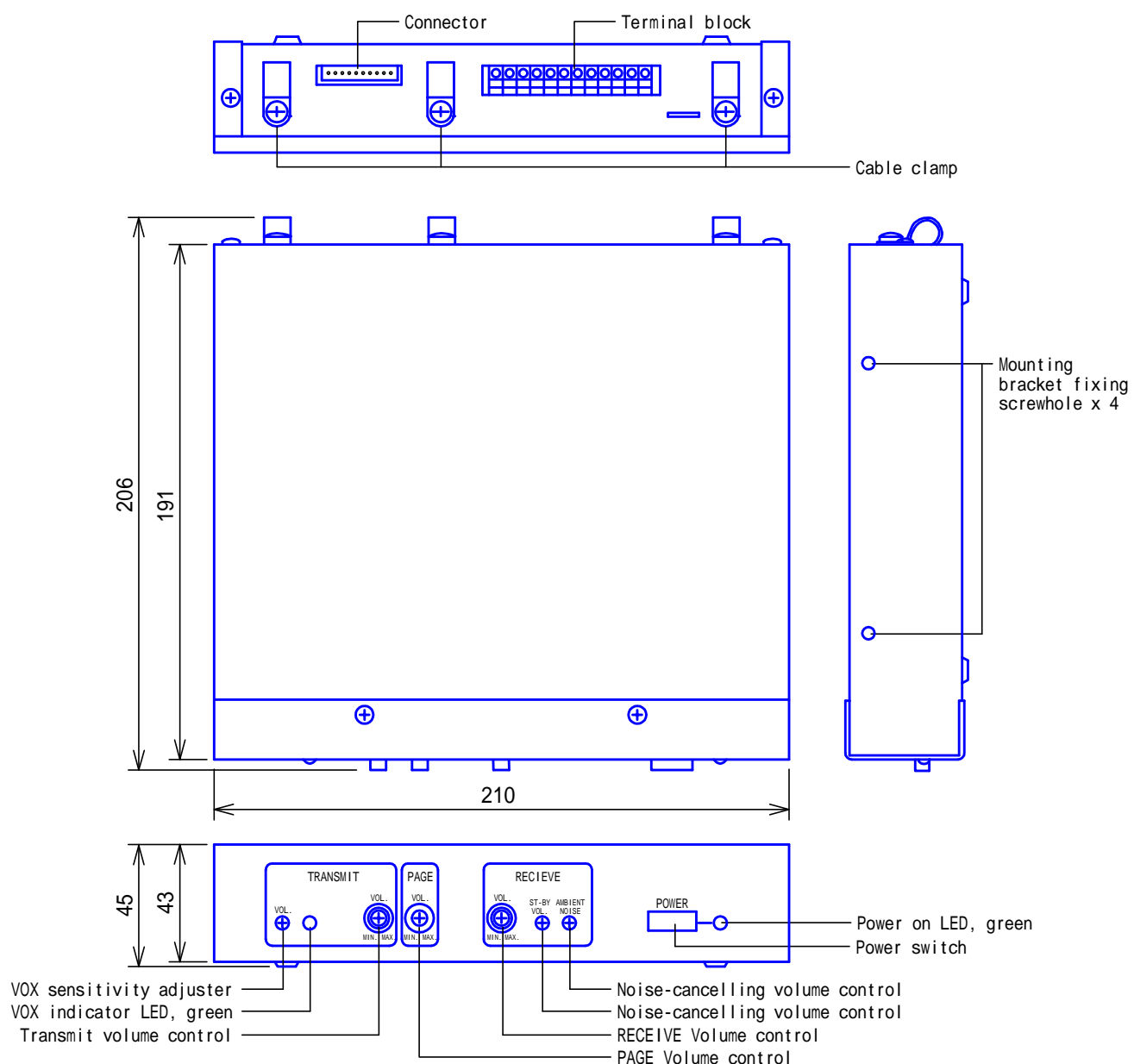
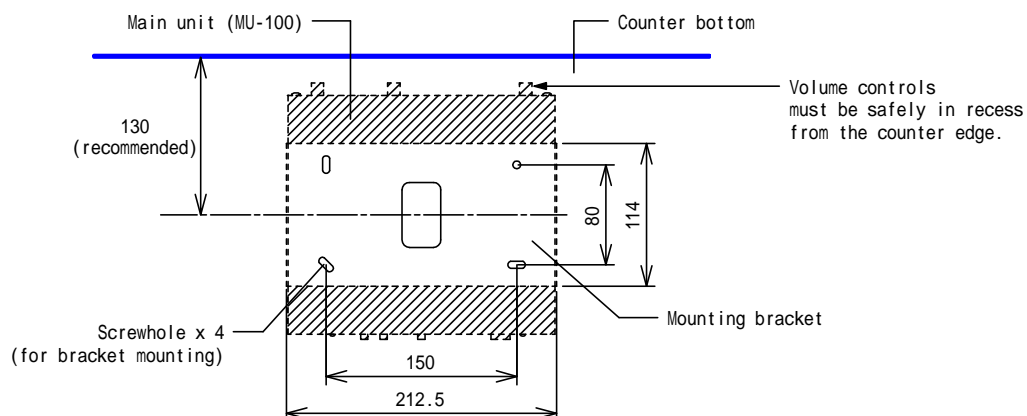


PRODUCT DRAWING

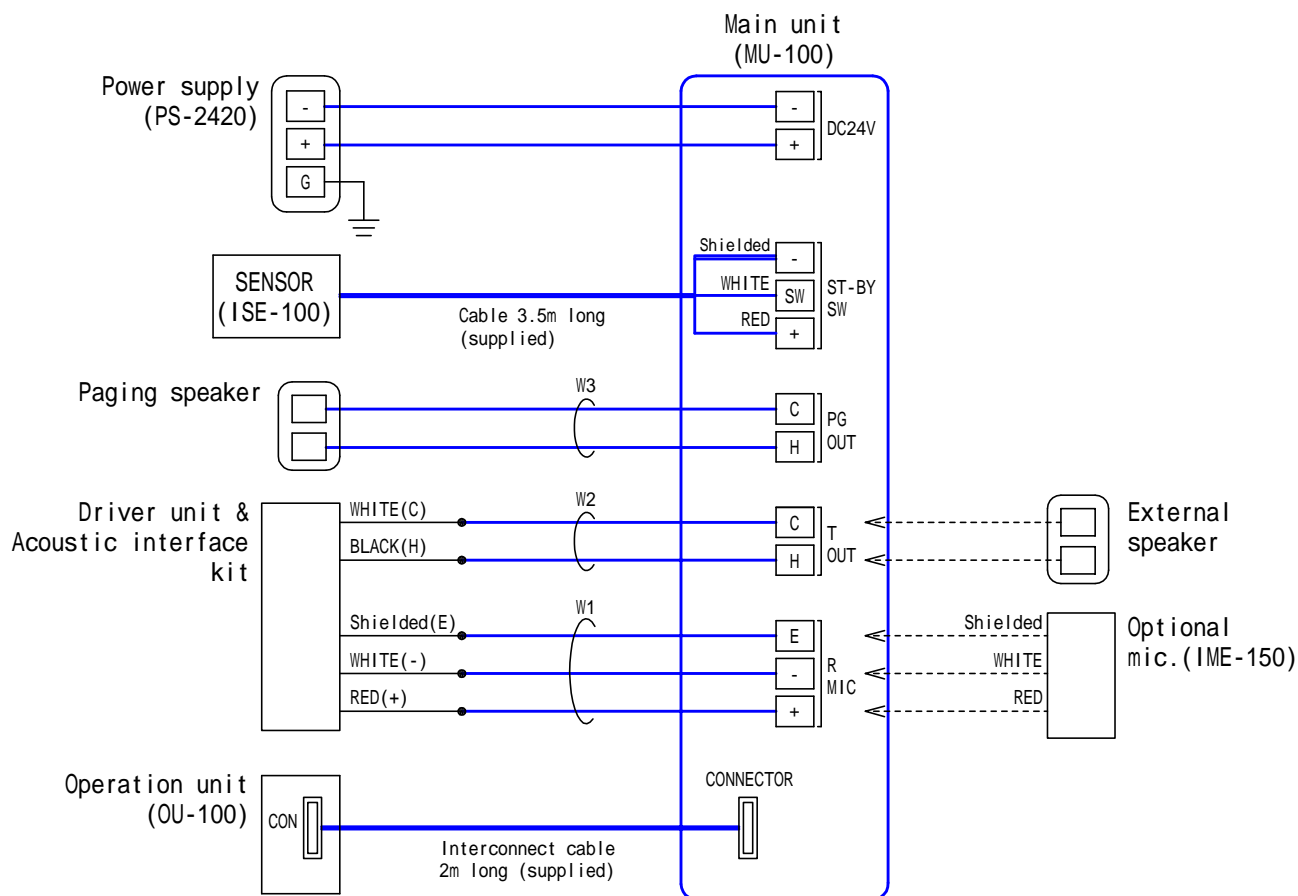


MOUNTING



DESCRIPTION MAIN UNIT (Security window intercom)	FIG. NAME PRODUCT DRAWING		UNIT mm	DATE 7 June, 2005
MODEL NO. MU-100	FIG.NO. MU-100-1-3	PAGE 1/3	REVISION 1	AIPHONE

WIRING DIAGRAM Complete MU-100 system



RESTRICTIONS

Before making any adjustment, be sure that all installation and wiring connections are completed. Make sure that, prior to actual adjustment, all the switches are put to OFF position, and all the controls are turned counterclockwise. Then, turn on the Power switch. Make the Operation unit ready for communication by turning on Talk switch on Operation unit (OU-100).

DESCRIPTION MAIN UNIT (Security window intercom)	FIG. NAME WIRING DIAGRAM/RESTR.	UNIT mm	DATE 24 June, 2005
MODEL NO. MU-100	FIG.NO. MU-100-2-3	PAGE 2/3	REVISION 1
AIPHONE			

FUNCTIONS

Contains Amplifier for communication between Operator and Customer sides, paging output and is equipped with various volume controls; Receive, VOX sensitivity, Standby, Transmit, Page & Noise cancel volumes, as well as System's power on/off switch.

Provides terminal block to connect basic components of Operation unit (w/gooseneck microphone), Driver box (w/Acoustic tube), and optional components of Paging speaker and external Sensor(*1) or Foot talk switch.

(*1) Setting is required internally on MU-100, when external Sensor or Foot talk switch is to be installed.

SETTING

RECEIVE volume control:

Adjusts RECEIVE volume of Customer's voice, heard from Speaker (on OU-100) or Headset.

VOX SENSITIVITY volume control:

Adjusts transmit VOX SENSITIVITY (voice detection), while speaking into microphone of Operation unit. The green LED is lit while voice is being detected. Change to a level desired, so that the voice can be clearly heard at the Customer side. Turn clockwise to heighten sensitivity.

Note; As the sensitivity goes higher, the ambient noise and receiving voice are more easily caught, thus making smooth conversation more difficult.

ST-BY(Standby) volume control:

Adjusts the volume of loudness of Customer's voice heard weakly from Speaker (on OU-100) or Headset, when OU-100's TALK switch is put in OFF mode. Turn clockwise to MAX., which is just half level volume of ON mode. Turn counterclockwise to MIN., which is muted. Change STANDBY volume to a desired level after putting VOL. HI/LO (on OU-100) to HI position.

TRANSMIT volume control:

Adjusts volume of loudness of Operator's voice coming out from Speaker at Customer's side. Change to a level desired after putting VOL. HI/LO (on OU-100) to HI position.

PAGE volume control:

Adjusts loudness of Operator's voice, coming out from Paging speaker. Change to a desired level after putting VOL. HI/LO (on OU-100) to HI position.

AMBIENT NOISE volume control:

Microphone at Customer's side is supposed to function to lessen affection of ambient noise.

The control adjusts the noise lessening volume, so that customer's voice is caught more easily and ambient noise is lowered to a barely minded level.

Note; Refer the more details to the MU-100's INSTALLATION & OPERATION MANUAL.

SPECIFICATIONS

Power source	24V DC. Use a Power supply PS-2420.		
Current consumption	Less than 780mA (incl. Operation unit).		
Rated output	Transmit 3W. Receive 1.5W.		
Distortion	Less than 5%.		
Input sensitivity & impedance	Receive mic. Positive: -62dBV+3dB.		
Frequency response	Transmit 300Hz. ~5kHz. +3dB (1kHz.) Receive Receive Headset output		
S/N ratio	More than 50dB		
Sensor power output	DC 24V, 40mA (for connecting Sensor)		
Controls	Transmit, VOX sensitivity, Page, Receive, Standby, Ambient noise (noise cancel).		
Indicators	POWER status; green. VOX status; green.		
Setting	VOL switch jumper (Cowork or Non-cowork settable for transmit & receive respectively)		
Unit color	Front panel: Sheet steel, black (N1 Munsell Approximation). Chassis: Sheet steel, black (N1 Munsell Approximation).		
Weight	1.3kg(approx.)		

DESCRIPTION	FIG. NAME	UNIT	DATE
MAIN UNIT (Security window intercom)	SPECIFICATIONS/FCN./SETTING	mm	24 June, 2005
MODEL NO.	FIG.NO.	PAGE	REVISION
MU-100	MU-100-3-3	3/3	1

AIPHONE