Aiphone VC-K

Terminals
1   Speech Out (Mic)
2   Speech In (Speaker)
3   Ground
4   Door Release
B   Call Tone

IMPORTANT NOTE :
1) Before replacing the handset make note of the wires to each terminal on the existing unit (an easy way is to cut each core off leaving a piece of the insulation in place with colour visible) twist unused cores together (so you know they are not used, <u>do not</u> short them out).
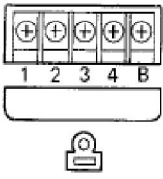
2) Some older systems will have cable with one coloured core and a solid white core in this case mark each core with a marker or tape.

3) Some systems may have <u>loop on wiring</u>, you will have 2 cables into your handset (make sure any joins remain, as these may be serving other flats on the system).
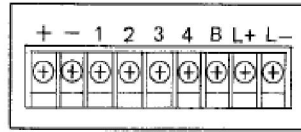
WIRING DIAGRAM

(1) ACTUAL TERMINAL LOCATION

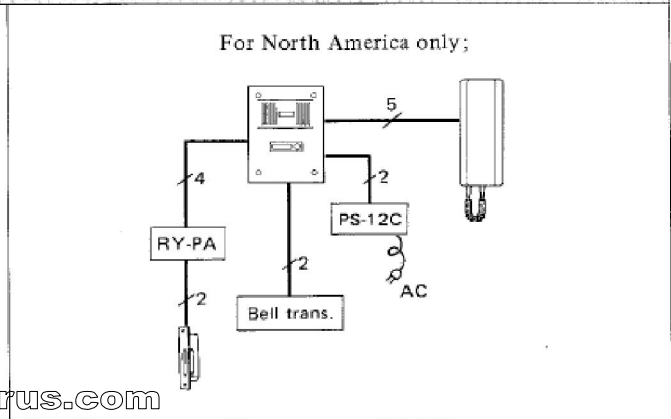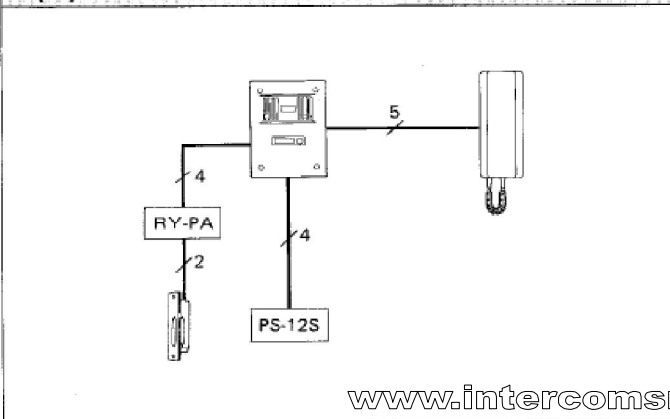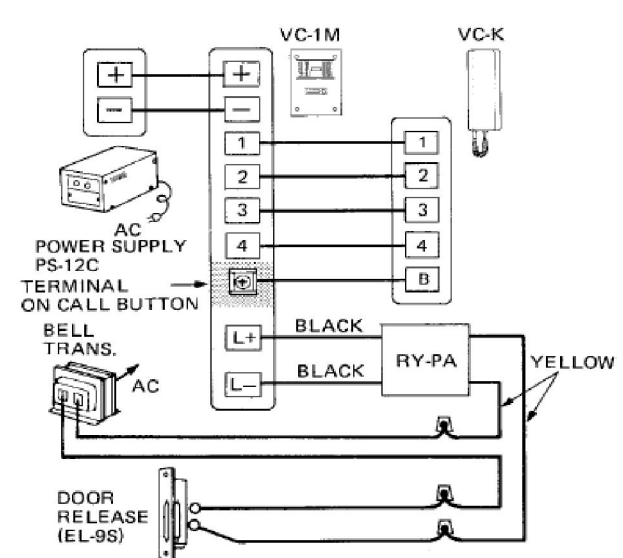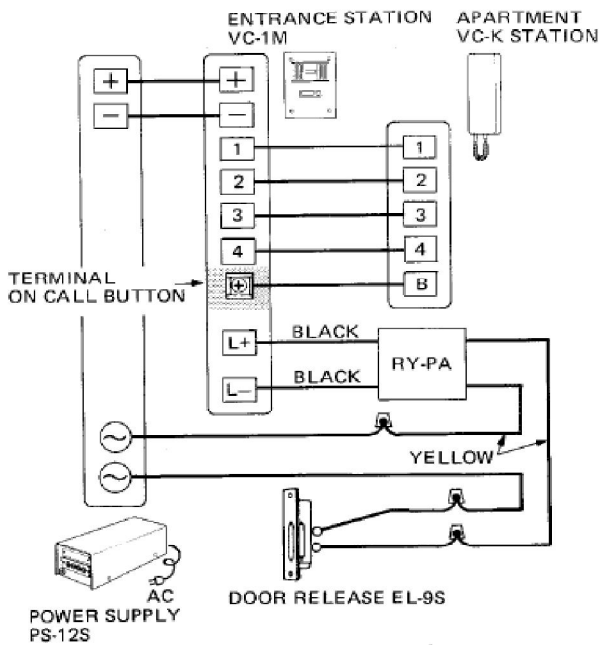| Terminal	Function
1	: for communication (VC-K to entrance station)
2	: for communication (Entrance station to VC-K)
3	: for grounding
4	: for door release
B	: for call signal
+ , −	: for power supply (DC 12V)
L+ , L−	: for RY-PA or DC 12V door release.

VC-K INSIDE VIEW

VC-M PANEL BACK VIEW

(1) WHEN USING AC-OPERATED DOOR RELEASE;

For North America only;

RY-PA

PS-12S

PS-12C

RY-PA

Bell trans.

AC

ENTRANCE STATION VC-1M

APARTMENT VC-K STATION

TERMINAL ON CALL BUTTON

BLACK

BLACK

RY-PA

YELLOW

AC POWER SUPPLY PS-12S

DOOR RELEASE EL-9S

VC-1M

VC-K

AC POWER SUPPLY PS-12C

TERMINAL ON CALL BUTTON

BELL TRANS.

AC

BLACK

BLACK

RY-PA

YELLOW

DOOR RELEASE (EL-9S)

(2) BASIC SYSTEM WITH DC-OPERATED DOOR RELEASE;
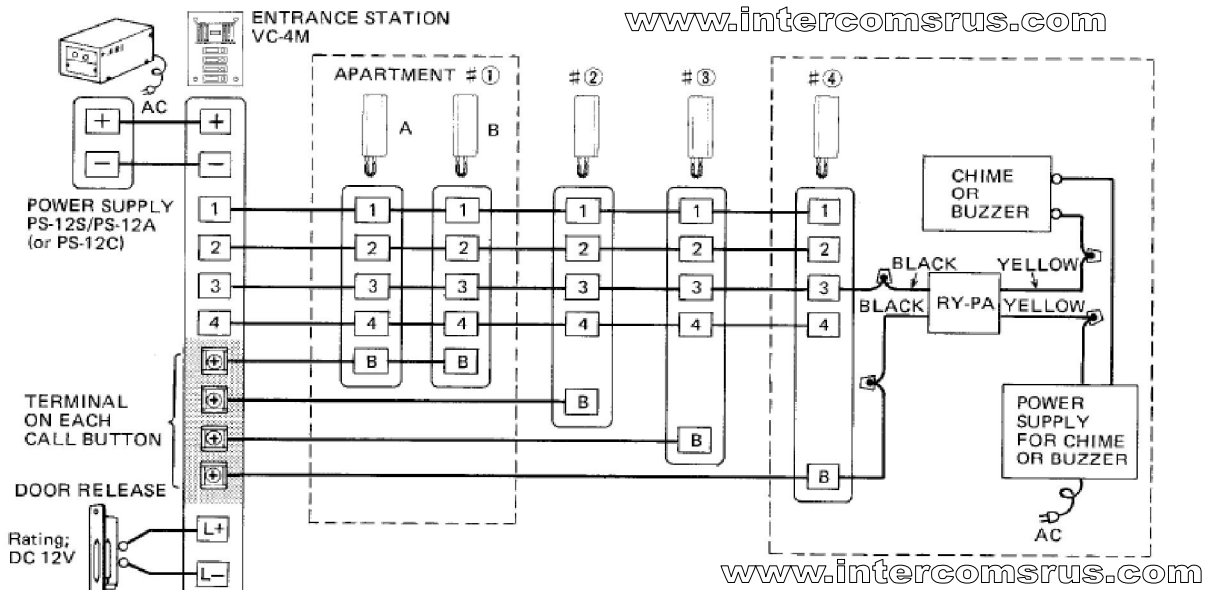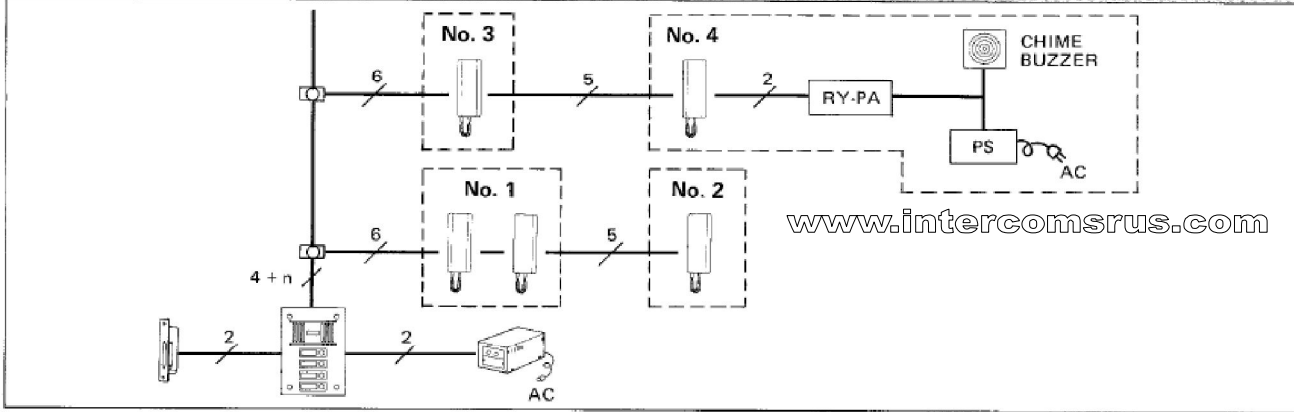
NOTES; ① In APARTMENT # ① , two room stations can be signalled by tone simultaneously, when called by entrance station. Calling is not available between room stations A and B.

② DC-operated door release can be connected to [L+] , [L−] terminals directly.

③ For call extension, use either chime or buuzzer locally available, rated less than DC 24V, 2.5A.