

System Configuration

Aiphone GT System Block Wiring Diagram

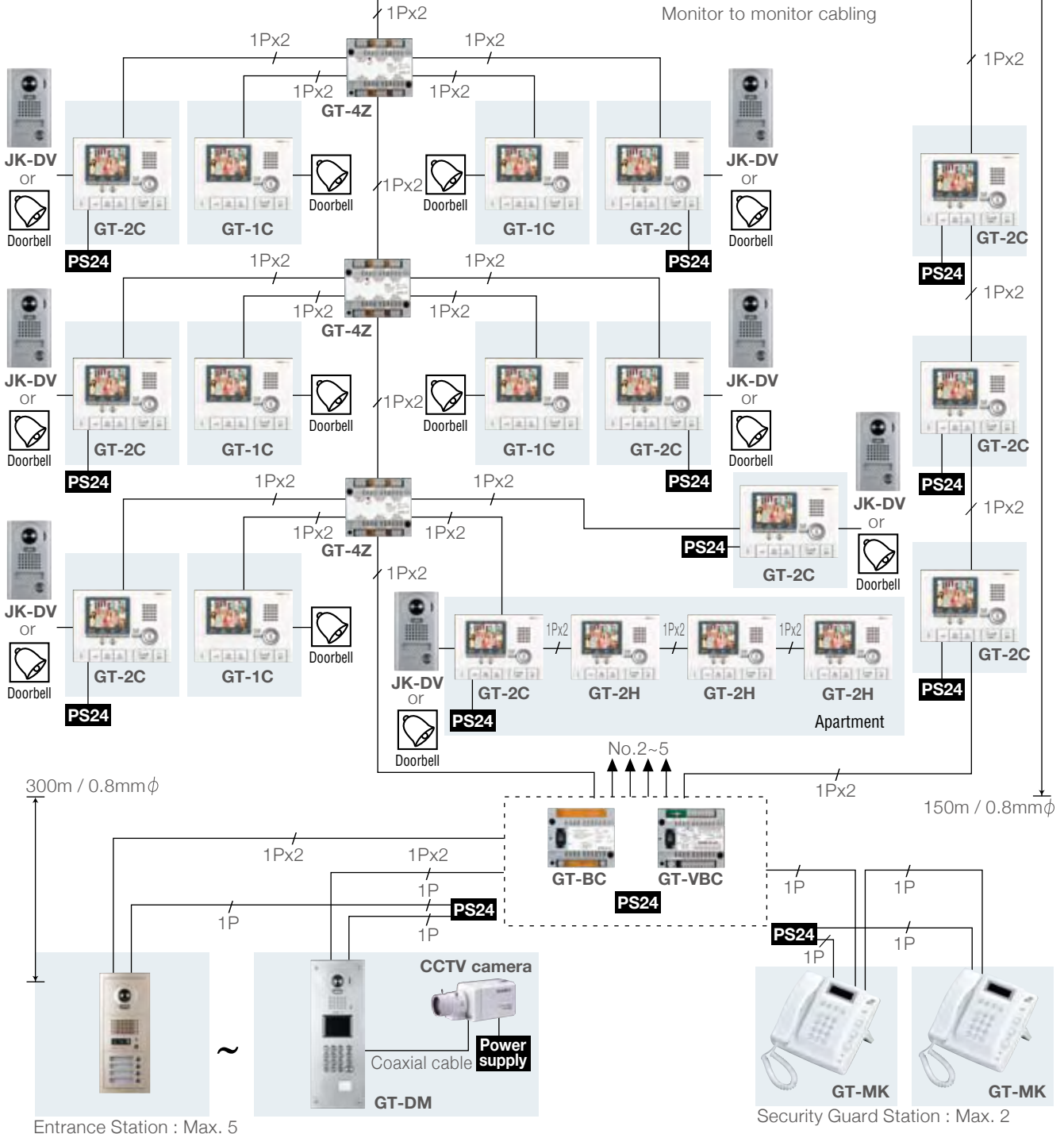
Standard system

5 Entrance stations
2 Security guard stations
48 Residential stations

Divided cabling with GT-4Z
Trunk line No.1

On the same trunk line,
do not have two wiring
methods mixed, Divided
cabling with GT-4Z &
Monitor to monitor
cabling

Monitor to monitor
cabling
Trunk line No.6



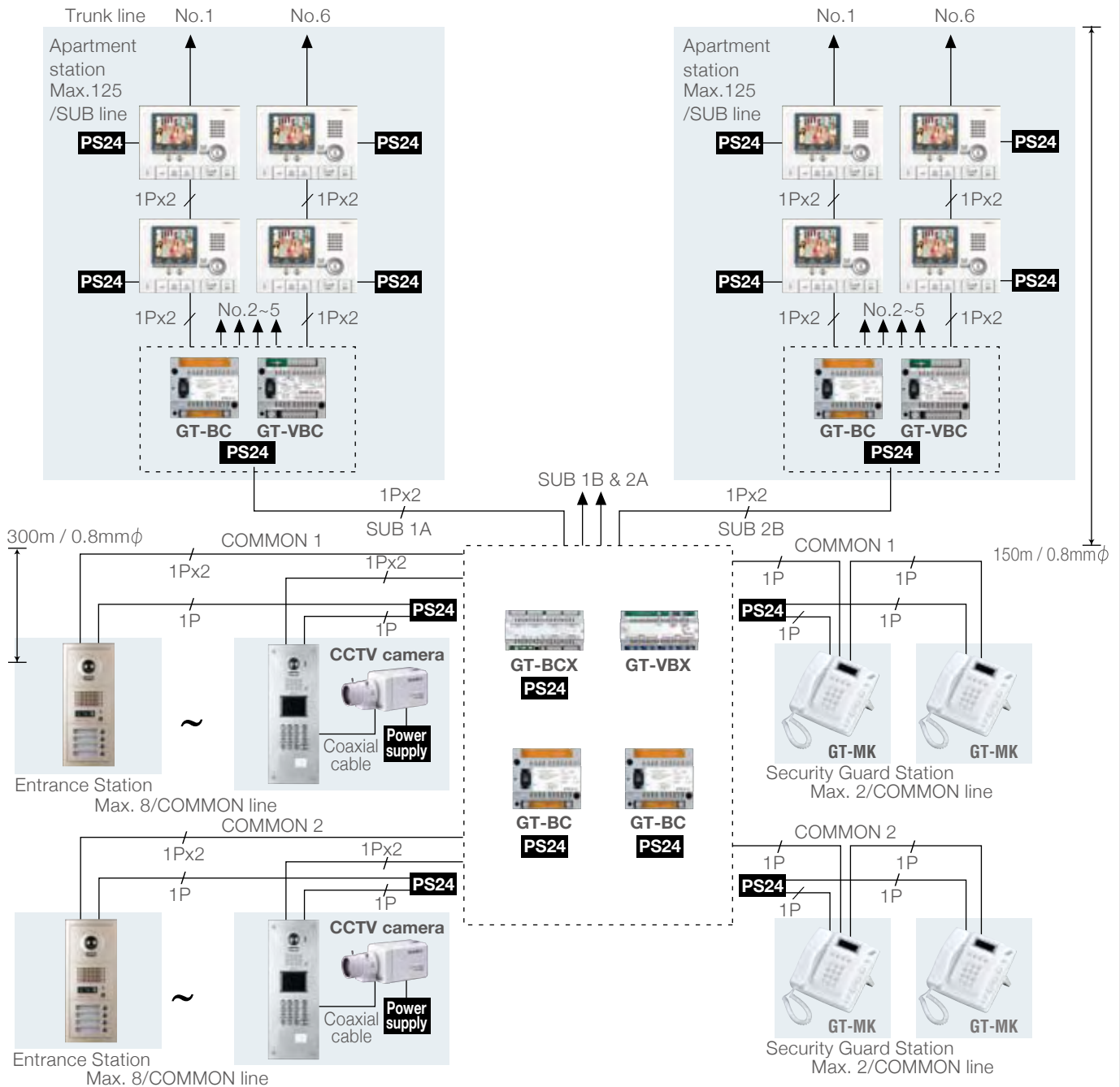
Wiring distance:
Entrance station - Bus & Video control unit 300m
Video control unit - Farthest Video Apartment station 150m
(Expandable with additional Video control unit)
Bus control unit - Farthest Audio Apartment station 300m
Accumulated total Audio wiring distance 2,500m

Audio system (without camera or monitor)
is available.

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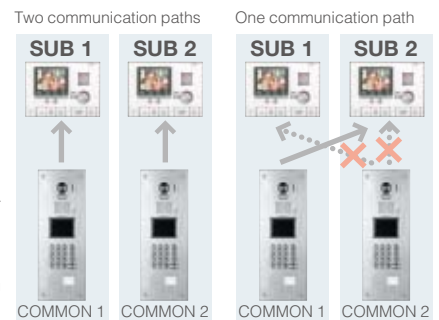
Expanded system

- 16 Entrance stations, 2 common trunk lines (8 each per common line)
- 4 Security guard stations, 2 common trunk lines (2 each per common line)
- 500 Residential stations, 4 sub trunk lines (125 each per sub trunk line)



Communication (talk and video) paths:

Communication paths on GT-BCX and GT-VBX are identified as "COMMON 1" and "COMMON 2". Each related COMMON-SUB trunk has its own communication path that can be used within itself for communication between Entrance and Resident. Crossover to the other trunk is possible, but this will occupy both talk and video paths. Also Security Guard communication occupies an entire system.



Wiring distance:
 Entrance station - Expanded Bus & Expanded Video control unit 300m
 Expanded Video control unit - Video Bus control unit 150m
 Expanded Bus control unit - Bus control unit 300m
 Accumulated total Audio wiring distance 2,500m/
 SUB line