Video Multi-Tenant System

Control units

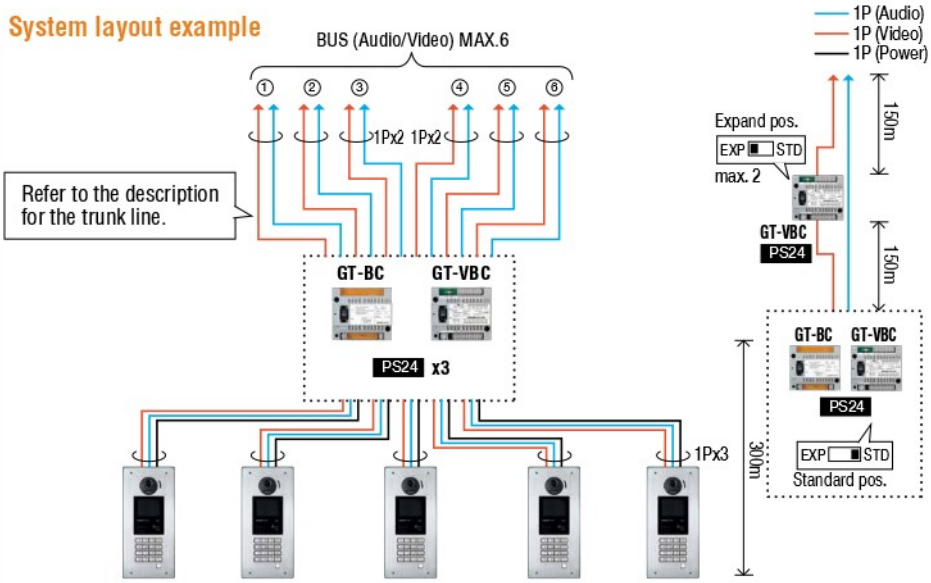
GT-BC
Bus control unit

GT-VBC
Video bus control unit,
expander video control

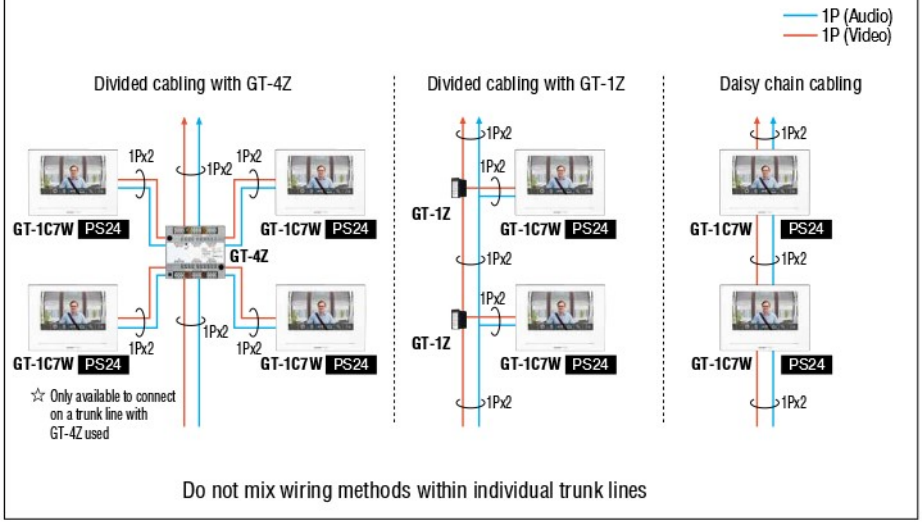
GT-4Z
4-way video
junction unit

GT-1Z
Video 1-zone divider

System layout example



Trunk line



Do not mix wiring methods within individual trunk lines

Wire type

AIPHONE approved product wire: AE7090220B, AE7090220G or
2-conductor cables solid copper & non-braided, polyethylene insulation, 0.65mm ~ 1.0mm dia.

Wiring distance

	Distance (Diameter of wires)
GT-BC, GT-VBC to Farthest Entrance station	300m(0.8mmø)
GT-BC, GT-VBC to Farthest Video tenant station	150m(0.8mmø) Expandable 150m with additional GT-VBC & Power supply
GT-BC, GT-VBC to Farthest Audio tenant station	300m(0.8mmø)
GT-BC, GT-VBC to each Power supply	5m(0.8mmø)
Accumulated Audio lines (R1, R2) Total wiring distance	2,500m(0.8mmø)

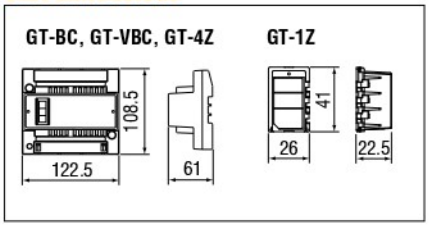
Specifications (GT-BC, GT-VBC)

Power source	24V DC, supplied from, PS-2420S, 2420UL, 2420BF, 2420DM, 2420
Consumption	900mA.
Wiring	Common single-pair cable
Housing	Fire-retardant ABS plastic

Specifications (GT-4Z)

Wiring	Common two single-pair cables
Material	Fire-retardant ABS plastic

Specifications (GT-1Z)

Wiring	Common single-pair cable
Material	Self-extinguishing ABS resin

Unit dimensions