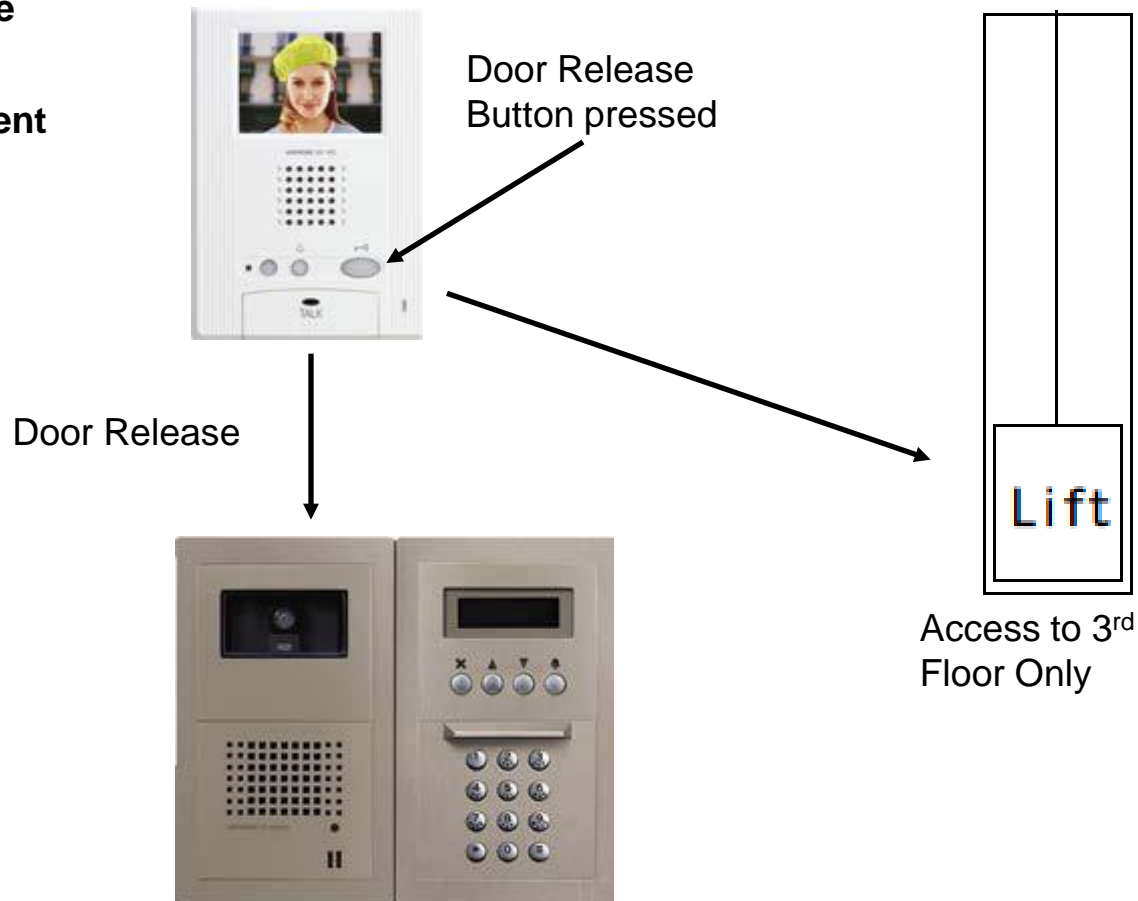# GHW-LC

GH Lift Control Adaptor

Lift Control System Layout
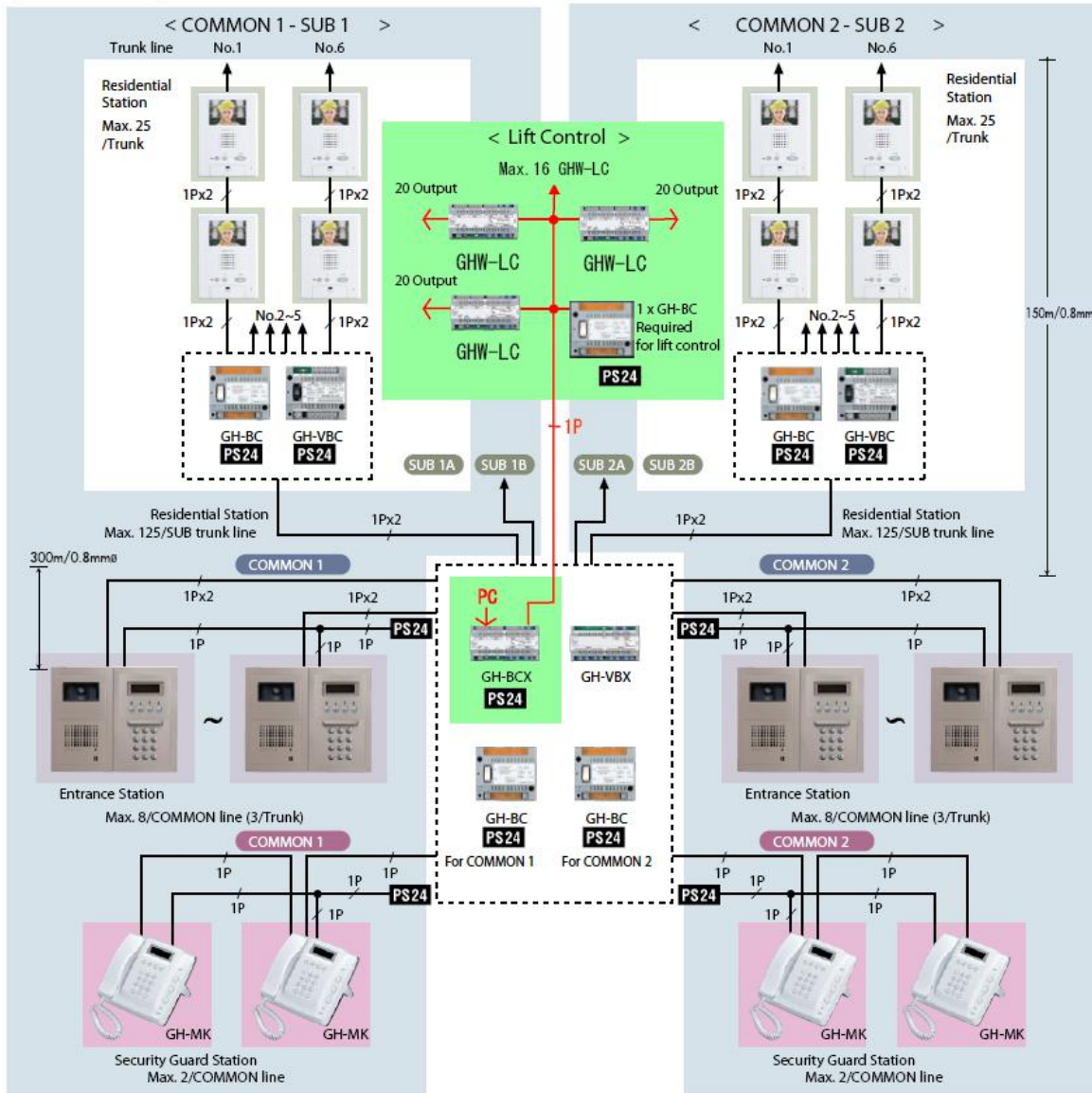
Lift Control Basic Operation

GHW-LC output will trigger when Door Release button is pressed while the apartment station is in communication with the Entrance Station.

Example

Level 3 Apartment

Door Release Button pressed

Door Release

Lift

Access to 3rd Floor Only

GHW-LC, GH Lift Control Adapter

Setup program 1

Setup program software will be added to the GH System Programming tool after the GHW-LC release. The programming will be set from GH-BCX/A.

GHW-LC Output number can be selected for each Room number.

Max. 320 Outputs can be selected.

Output Timer can be set from 1Sec to 10Min, allows this adaptor to be used for any kind of lift or access system.

Setup program 2

Setup 2 will allow you to select the relay out put for each residence
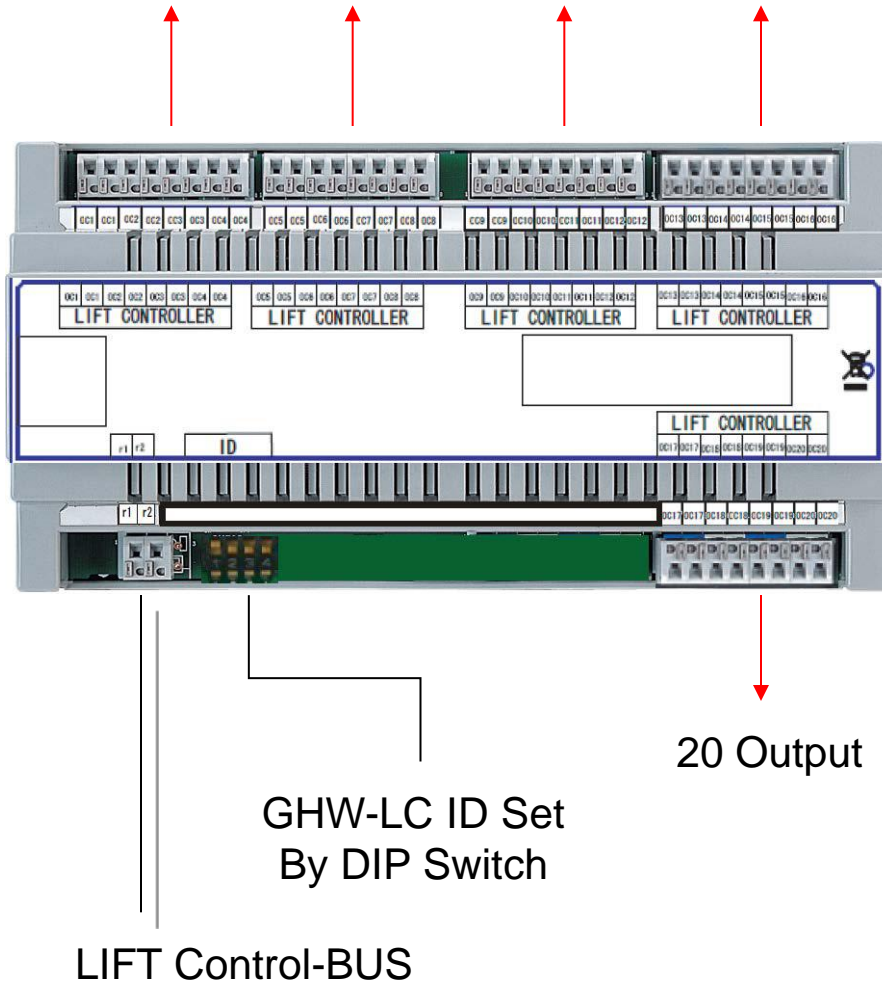
Resident information to be listed

Select from relay unit Number 1 to 20

Appearance, Features & Specifications

・Lift Control-Bus Total Wiring Distance

= 2500m

・Max Distance From GH-BCX/A to GFW-LC

= 300m

・Max. Number of Adapter = 16pcs (8pcs per Trunk)
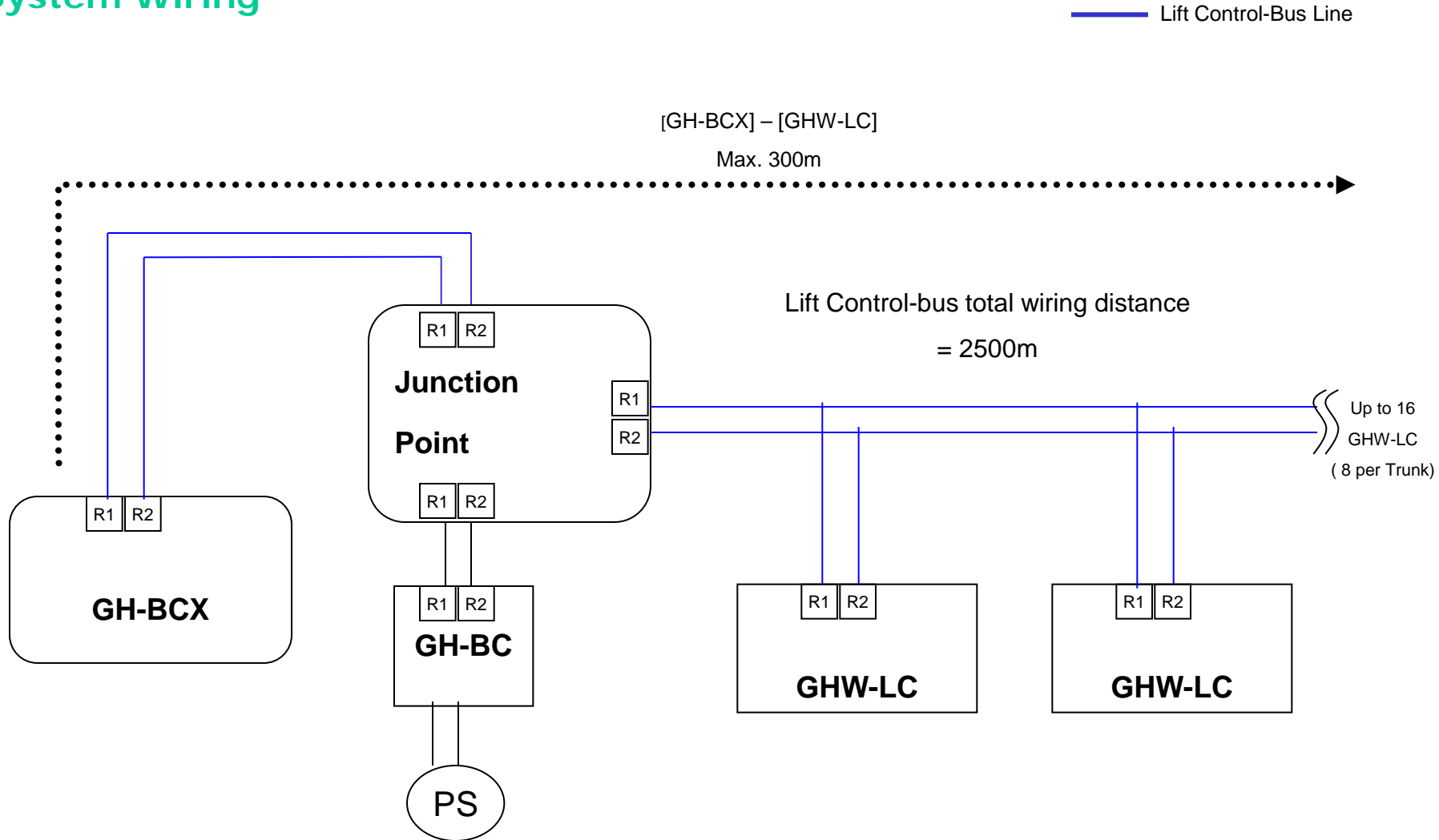
20 Output

GHW-LC ID Set
By DIP Switch

LIFT Control-BUS

System Wiring

━━━ Lift Control-Bus Line

[GH-BCX] – [GHW-LC]

Max. 300m

Lift Control-bus total wiring distance

= 2500m

| R1 | R2 |

Junction

Point

| R1 |
| R2 |

Up to 16

GHW-LC

(8 per Trunk)

| R1 | R2 |

| R1 | R2 |

GH-BCX

| R1 | R2 |

GH-BC

| R1 | R2 |

GHW-LC

| R1 | R2 |

GHW-LC

PS

Each Lift Control BUS Line

requires one GH-BC.

Applications

Compound type

Condominium type

Wiring Image for Condominium type

Example 1:

・2 Lifts

・20 Floors

Needs to have two GHW-LC if the project requires different Lift Control.

80m

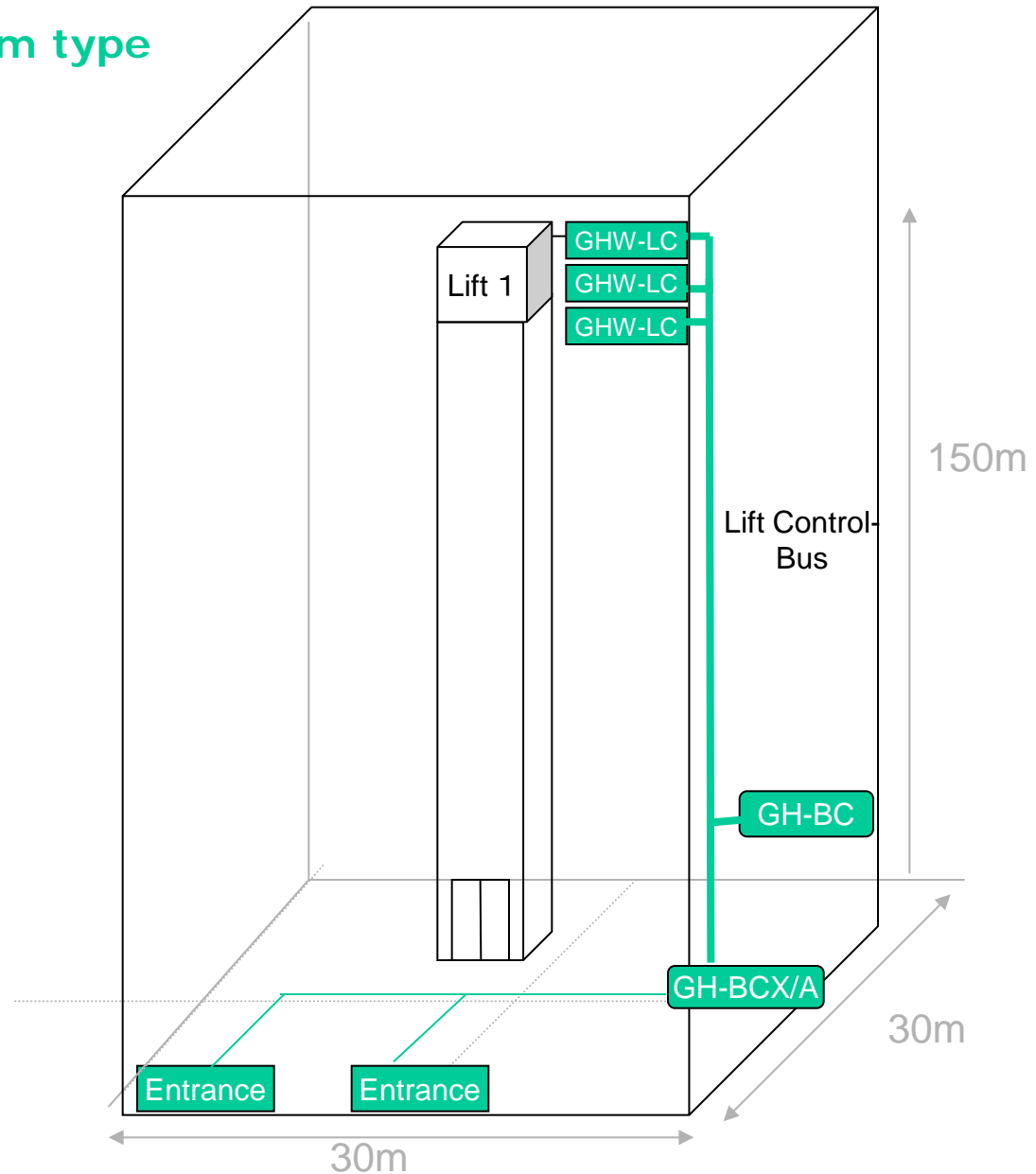GHW-LC   Lift 1   Lift 2   GHW-LC

Lift Control Bus

GH-BC

GH-BCX/A   40m

Entrance   Entrance

50m
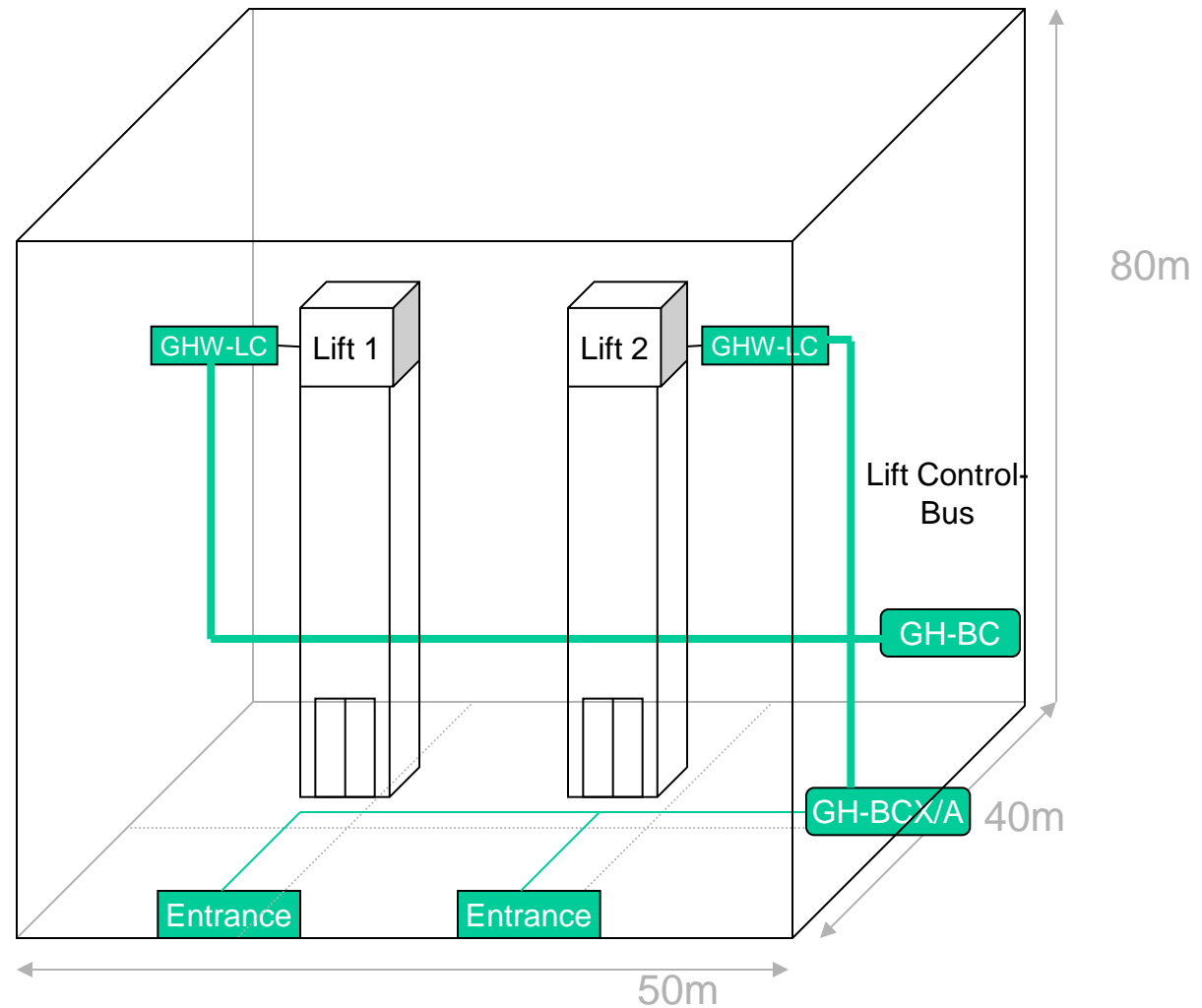
Wiring Image for Condominium type

Example 2:

・1 Lifts

・50 Floors

Needs to have multiple
GHW-LC if the project requires
more than 20 Floor on one lift.

Wiring Image for Compound type
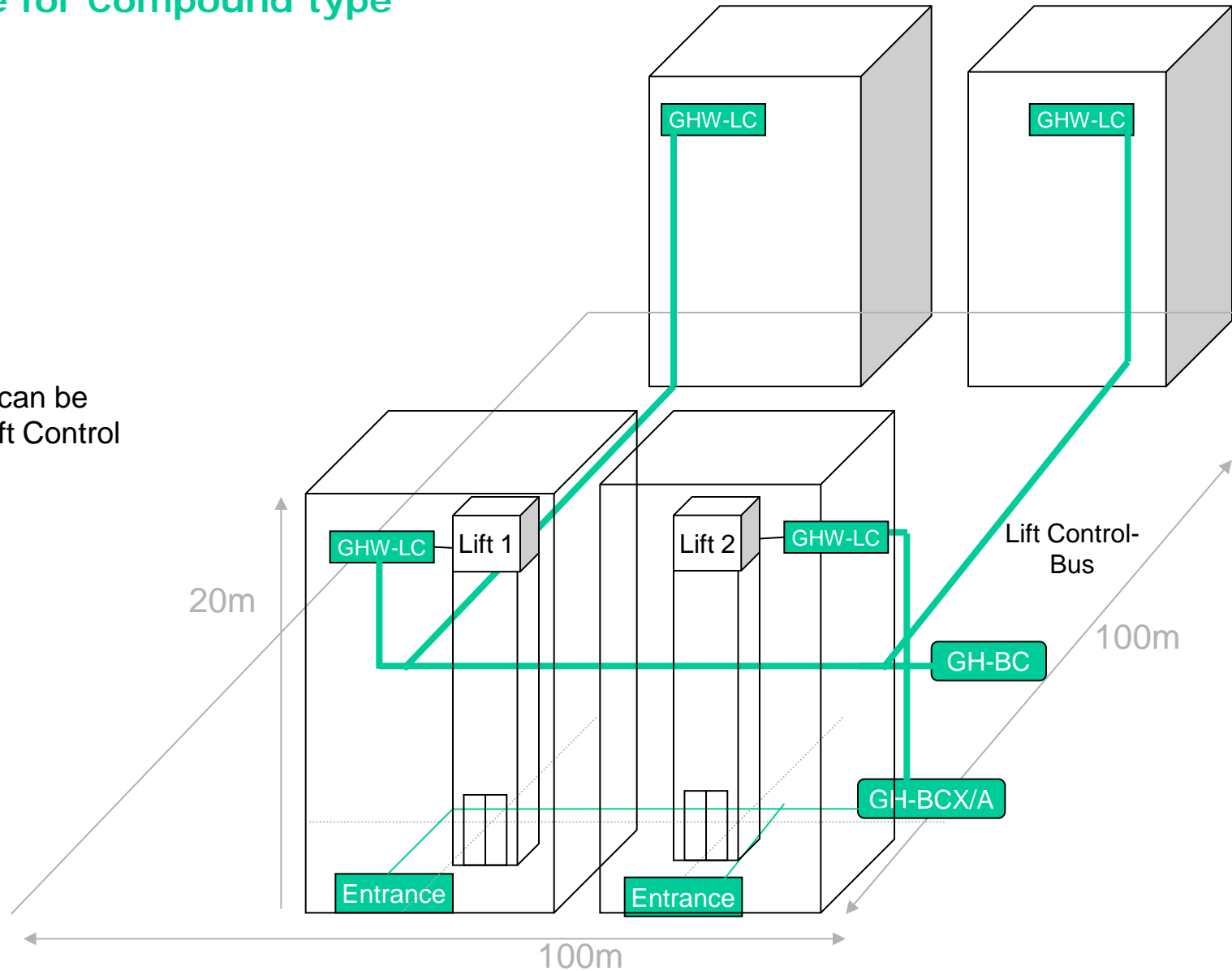
Example 1:

・1 Lift Per tower

・5 Floors

・4 Towers

Multiple GHW-LC can be installed on one Lift Control Bus.

GHW-LC

GHW-LC

GHW-LC

Lift 1

Lift 2

GHW-LC

Lift Control-Bus

20m

100m

GH-BC

GH-BCX/A

Entrance

Entrance

100m

Wiring Image for Compound type

Example 2:

・1 Lift Per tower

・30 Floors

・4 Towers
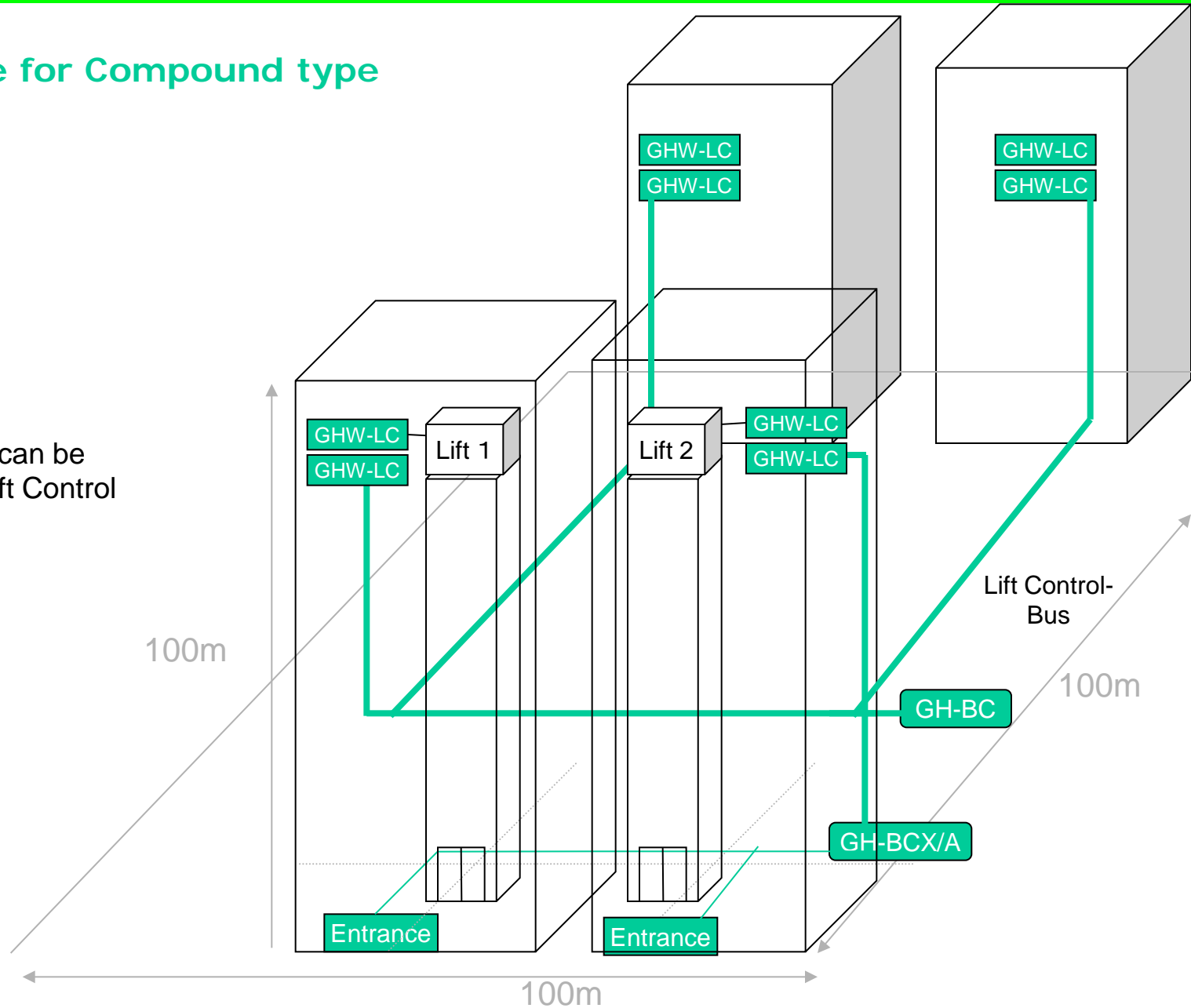
Multiple GHW-LC can be installed on one Lift Control Bus.

GHW-LC, GH Lift Control Adapter

Important Note:

・ Each Lift Control BUS Line requires one GH-BC.

・ Do not connect R1,R2 Audio Bus to the R1 R2 Terminal on

 GHW –LC.

・ Polyethylene wire must be used to enable the maximum distance.

・ Lift Interface Requires GH-BCX /A and GH-DA/A components.

・ All GH-BCX and GH-DA production will stop after lift interface release.

・ There will be no price difference between current version and /A models.

We are committed
to a mutual prosperity.

AIPHONE ®
Providing Peace of Mind