

How to Install Forté A-BUS

AVC Module

Amplified Volume Control

Installation can be done in 9 Easy steps

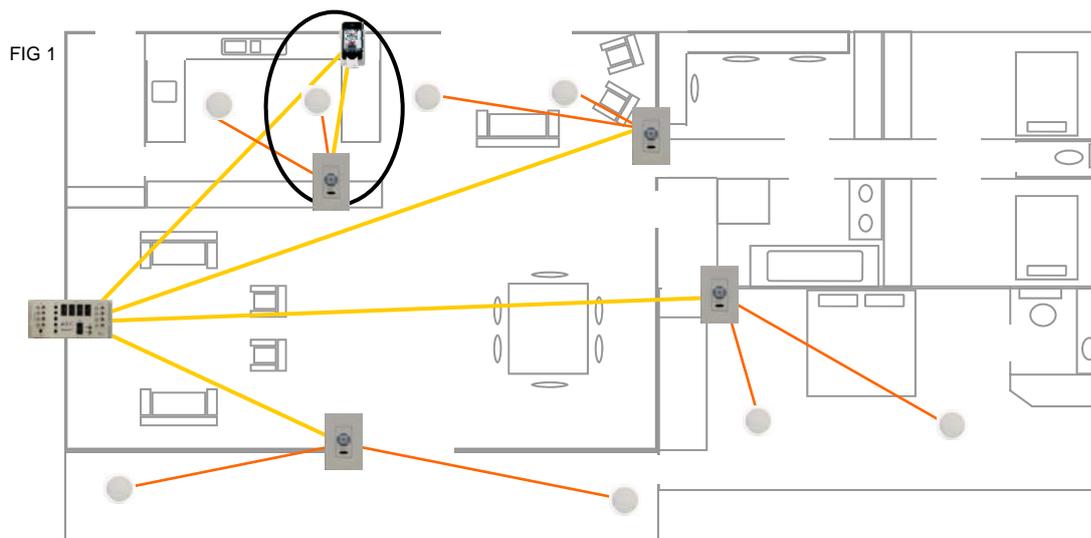
LeisureTech recommends installation by an A-BUS qualified installer. For installers in your area visit [LOCATOR](#) to find the closest one in your area.

For worry free installation use A-BUS approved Cat5e cable, Stranded *DL-8*

Step 1 Design placement

- a Workout best placement of speakers take into consideration the following:
 - 1 roofing beams
 - 2 depth of roof cavity, check with speaker being installed.
Suggested minimum 80mm depth for Forte speakers
 - 3 avoid any major power cables
- b Placement of AVC on the wall take into consideration the following:
 - 1 ease of access
 - 2 not to be mounted near major power cable runs
- c Placement of LIM (AB-70) or iPod dock (AB-313) consider the following:
 - 1 Place LIM behind TV or desk/bench near local sound source
 - 2 iPod dock can be placed on double wall gang plate with AVC or in location with ease of access

NOTE: Up to 3 LIM's or iPod docks can be added in each room



Step 2 Install Cable

- a Pre-wire DL-8 (CAT5e) in a star pattern from audio distribution point (*fig 1*)
- b Label each cable with destination name (*fig 2*)
- c Run speaker cable from each speaker to AVC location on wall
- d Take into consideration LIM's or iPod docks in each room, CAT5e runs from hub to the LIM / iPod dock then on to AVC (*see circled area fig1*)
- e Terminated both ends with RJ-45 connection in T568A configuration (*fig 3*)
- f Test cable, connections and terminations with RJ-45 LAN tester

FIG 2



FIG 3



Step 3 Mount Hub

- a Locate Hub with audio equipment
- b Connect RJ-45 terminated cable to hub (*fig 4*)

FIG 4



Step 4 Connecting LIM / iPod modules

- a Cut hole to a standard single-gang wall plate size (75mm H x 45mm W)
NOTE: Depth varies from LIM to iPod dock
- b Pull cable through
- c Connect RJ-45 terminated cable to module
- d Screw on to wall
- e Connect RCA cable to LIM from sound source, make sure source is not on
- f Dock the iPod by pulling out lip, make sure it is not playing (fig5)

FIG 5



Step 5 AVC (Amplified volume controls)

Only when direct speakers not being used in that room

- a Cut hole to a standard single gang wall plate size (75mm H x 45mm W)
NOTE: Depth varies from AVC to AVC dock
- b Pull cable through
- c Connect RJ-45 terminated cable to AVC
- d Connect speaker wire to screw terminals (fig 6)
- e Do not screw into wall yet

FIG 6



Step 6 Passive Speakers

- a Cut hole to speaker cut out dimensions (Forte 6.5" = 206mm dia x 79mm depth)
- b Pull cable through
- c Connect Speaker cable to spring terminals
- d Screw into place



Step 7 Connect Audio

- a Using RCA-RCA cables, connect audio source/s to hub
- b Connect IR emitters to hub and place on audio source IR window
- c Connect power supply
- d For AB-663/ABX-88 connect power supply to corresponding input
Bank "A" in yellow, Sub Zone = Bank "B" in Blue (fig 7)
- e A second power supply plugs into 2nd power socket (Bank "B") when subzones are used

FIG 7



Step 8 Power up

- a Turn on power to power supply (red power indicator LED should come on)
- b Turn on audio source, make sure there is sound and not on mute and press play
- c Turn volume up on AVC in each room, confirm music is playing.
- d Go to LIM / iPod dock and press play, turn on or un-mute. Music in that room should change to local sound source
- e Turn off, mute or pause sound source in to Lim or iPod Dock; after 30sec, main sound source will return

Step 9 Final set up

- a Turn volume up to maximum required level then adjust the trimpots on back of AVC. This sets max volume level (fig8)
- b Screw AVC into wall
- c Test IR from each room, by pointing remote at AVC and change track, channel etc

FIG 8

