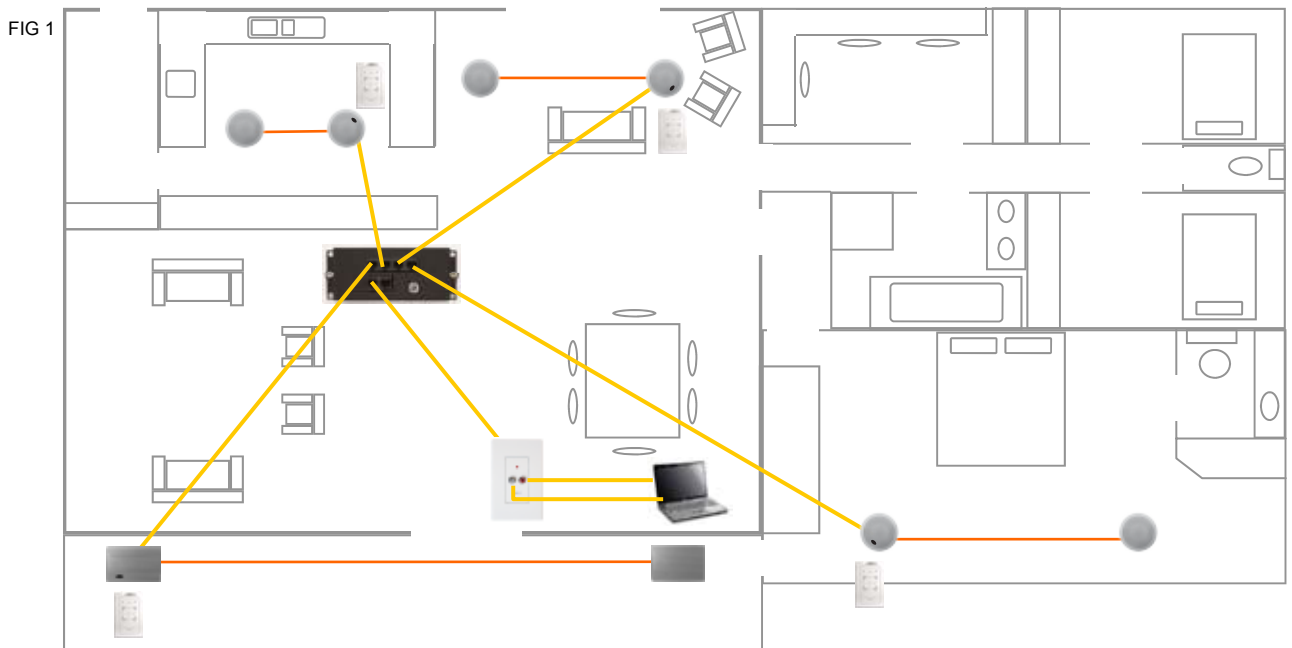# How to Install Forté A-BUS   Developer Packs

Installation can be done in 7 Easy steps.

LeisureTech recommends installation by an A-BUS qualified installer. For installers in your area visit <u>LOCATOR</u> to find the closest one in your area.

For worry free installation use A-BUS manufactured speaker cable.

Step 1   **Design placement**

a   Work out 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*

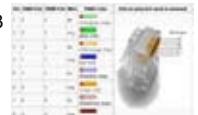b   Place AB-70 dock in a central loca tion, eg; kitchen, hallway, lounge

FIG 1

Step 2   **Install Cable**

a   Pre-wire DL-8 (CAT5e) in a star pattern from distribution hub *(fig 1)*
b   Run DL-8 (CAT5e) from iPod dock to distribution hub *(fig1)*
c   Label each cable with destination name *(fig 2)*
d   Run speaker cable from slave speaker to amplified IR speaker
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**

FIG 4

a   Locate distribution hub in central location, near power
b   Connect RJ-45 terminated cables from 1-4 rooms to hub *(fig 4)*
c   Connect RJ-45 terminated cable from AB-70 (OUT) to ABK-4RJB (IN) *(fig 4)*

ABK-4RJB

For more detailed installation information including expansion, see appropriate Hub Manual

Step 4   Connecting AB-70 module

a   Cut hole to a standard single-gang wall plate size (75mm H x 45mm W)
b   Pull cable through
c   Connect RJ-45 terminated cable to module *(fig5)*
d   Screw on to wall

Step 5   A-BUS/DIRECT Speakers

a   Cut hole to speaker cut out dimensions (Forte 6.5" = 206mm dia x 79mm depth)
b   Pull cable through
c   Connect RJ-45 terminated cable to Amplified IR speaker (fig 6)
d   Connect speaker wire between the two to the clip terminals (fig 6)
e   Do not screw into ceiling yet

Step 6   Power up

a   Turn on power supply
b   Turn on iPod and press play
c   Turn volume up on Amplified speakers in each room, confirm music is playing.

Step 7   Final set up

a   Turn volume up to maximum required level then adjust the trimpots on back
      of Amplified IR speaker. This sets max volume level *(fig8)*
b   Screw speakers into ceiling
c   Test Source volume from each room, by pointing remote at Active IR speaker and
      change volume (+/-)
d   When using single IR speaker select mono on back of speaker (fig 9)
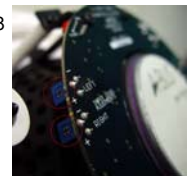e   For programming keypad with wall cradle, see ABR-43 (fig 7) instructions

For more detailed installation information including expansion, see appropriate Hub Manual