forté™
electronics

Set Your Home Audio Free

A-BUS®

Unique Solutions · Simple Installation · Energy-Efficient

· Contents ·

UNIQUE

Welcome to the Forte' 2015 product catalogue.
This new catalogue includes examples of system layouts to show the unique flexibility
of Forte' A-BUS technology. Our wide range of "plug and play" components provide
many unique solutions that can be tailored to individual room requirements.

forté electronics

As the inventors of A-BUS technology we have created the Forté brand to provide a wide range of quality products to music lovers who enjoy entertainment around their homes.

We developed A-BUS to eliminate long runs of speaker cable which have a significant effect on sound quality. The end result has not only delivered full quality audio to every room it has also enabled us to create a solution that is simple to install, easy to use, energy efficient, extremely reliable and low in cost.

The wide range of Forté A-BUS modular components and the use of easy to install CAT5 cable allow systems to be tailored to individual requirements from a single room system to 50 rooms; it is as simple as 'plug and play'.

There are many A-BUS unique advantages. With amplification installed in the room close to the speakers or with the speakers in the case of A-BUS/direct, each room can have its own local input, with new mobile music sources local access provides easy access to your personal music. The new Forté Bluetooth wireless local input is a good example of the system's flexibility. It is very easy to install, there is no need for messy wiring or to find a local power source and it can be retrofitted into any A-BUS system regardless of age or brand.

We hope you enjoy your Forté A-BUS system.

Andrew Goldfinch and Len Andrews

· Quality Sound
· Design flexibility
· Easy to install
· Cost effective

*Andrew Goldfinch &
Len Andrews inventors of the
unique A-BUS technology*

Forté system building components - the wide range offers custom options unique to A-BUS technology

Source Compatibility

Compatible with all line level sources, eg. AVR's, CD, radio, music streamers and mobile music sources, Forté A-BUS is the most efficient and reliable way to distribute your favourite music throughout your home.

CAT5 Cable UNIQUE

Easy to install low cost CAT5 cabling delivers audio signal to amplified keypads or amplification optimally located directly at the speakers eliminating sonic losses caused by long runs of speaker cable. The CAT5 cable also delivers system power, IR control data and status from the hub to each room.

Flexible System Design from 1 to 50 Rooms UNIQUE

Forté modular design offers a variety of hubs to choose from, small systems of 1 to 2 rooms can be economically installed with the flexibility to expand the system to cater for large homes and with optional features not possible with traditional systems. Most hubs are expandable by simply adding additional hubs.

Single Source and Multi-Source Options UNIQUE

The same CAT5 wiring plan can be installed for single source systems to suit apartment living or multi-source systems to provide individual source selection in larger homes.

Common Listening Areas UNIQUE

Open plan living often requires some areas in a multi-source system to share the same source. Forté multi-source hubs have two outputs per zone allowing for kitchen and family room, or master bed and bathroom, for example, to play the same music selection. For large common areas the zone outputs can also be connected to single source hubs for further expansion. One 4 zone hub can support 8 rooms.

Latency and Dropout

Forte' systems are not susceptible to latency (signal delay) or dropout problems which can occur with wireless and digital based transmission systems. A problem that can be particularly irritating in common areas and neighbouring rooms causing echo and reverberation effects.

Local Input Modules (LIM) UNIQUE

A local input in each room an essential feature unique to A-BUS technology to cater for mobile music sources such as smart phones and tablets. TV sound can also be greatly improved connected to your A-BUS system; LIM's are easily installed and switch automatically when the TV is turned on. The Bluetooth LIM provides wireless access for music streaming. LIM's are easily installed into the CAT5 line between hub and room unit.

A-BUS/DIRECT UNIQUE

CAT5 cabling going directly from the hub to the speaker point ensures maximum sound quality, by avoiding sonic losses associated with long runs of speaker cable. Installation is simple with no speaker cable required by the installer and no hole in the wall for the keypad. Control is provided by the Forté ABR-43 learning remote control with single gang wall plate housing easily mounted on any wall surface.

Energy Efficient

With amplification located in each room close to the speakers, and system design flexibility to suit individual requirements, A-BUS low voltage systems are highly energy efficient and when on standby they comply with stringent international energy codes.

Mobile Music Friendly

The Forté/A-BUS Whole House Audio System in your Home

Sources
*Any standard
stereo input*

Radio

Audio Streamer

DVD

AVR
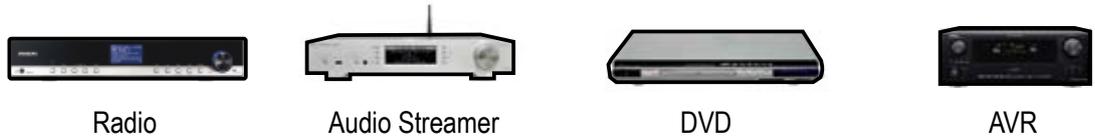
Hubs
*Wide range for systems
from 1 - 50 rooms*

Power
Supply
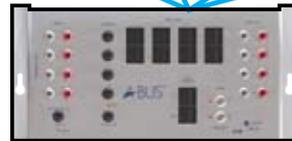
*Wide choice of hubs
from 2 to 8 rooms/
zones single-source
or multi-source
with expansion
to individual
requirements*

Cat5 Cable
*Low cost, easy to install,
delivers loss-free audio
to every room*

Cat5

Local Audio Inputs
*For local music access
(unique to A-BUS)*

BlueTooth
Audio streaming

LIM
*Direct connection
(computer or TV sound)*

Cat5

Amplified Keypads
Wall mounted

Powered Speakers
*Eliminates long runs
of speaker cable*

Speaker

*Wall Mount
Keypad Style
Learning
Remote Control*
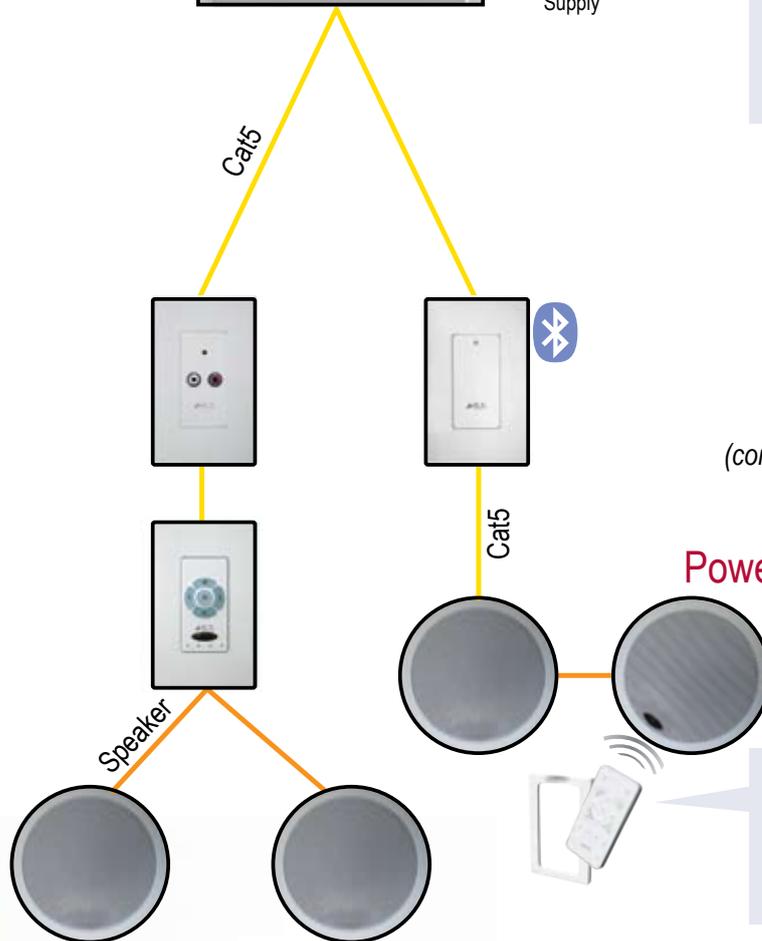
Tailored
to your
needs

· Forté System Design ·

Forté A-BUS components provide the flexibility to design systems to suit most individual requirements. Below are some tips to assist system designers.

1. Select Room Units (Page 8)

There is a range of room units to choose from, from a simple volume control module (VCM) for secondary areas to A-BUS/DIRECT active speakers for optimum sound quality and ease of installation.

2. Select local audio inputs (LIM's) (Page 11)

Local source access (unique to A-BUS) is increasingly important in multi-room audio with the many mobile audio sources now available. Choose either a Bluetooth wireless input for smart phone or tablet music sourcing and/or run the CAT5 cable from the hub past your local source for direct connection via a wall mounted LIM to deliver full fidelity from your computer TV, etc. (no local power supply is required and the audio switching is automatic)

3. Multi-source or single source (Page 10)

Small systems are mainly single source or for homes where background music is preferred throughout the home, in larger homes where there are individual requirements multi-source is preferred, however, within many home environments there are common areas where the same source may be required such as Kitchen/Family room, master bed/master bath. With Forte' modular design it is possible to install a mixture of multi-source and single source hubs.

4. Select Hub (Page 10)

There is a range of compact hubs available to suit individual requirements. System hubs are located adjacent the main home sound system and source components, structured wiring hubs are designed to be mounted remote from the source components, 4 room hubs have expansion ports to expand the system with addition hubs to cater for the required number of rooms.

5. Sources (Page 5)

Forte' audio inputs accept standard stereo line level signal available on most audio systems, media devices, wireless streamers and computers. Components with infrared remote control operation can be controlled from each room with an infrared emitter attached (not included on

Notes
— Interconnect cable
— Category 5 cable
— Infrared emitter
— Speaker cable
- For room options see page 8
- Bluetooth operating range may be limited by home construction materials, for best results install in high position.
- Expansion outputs on ABX-88 and ABX-75 are fully buffered for expansion and to main system AVR.
- System layouts are suggestions only for clarification please consult your Forté dealer.
- CAT5 RJ-45 cable connectors wired to 568a colour code
- All products listed in this catalogue have CE and C-tick approval.

1-2 Room Single Source System
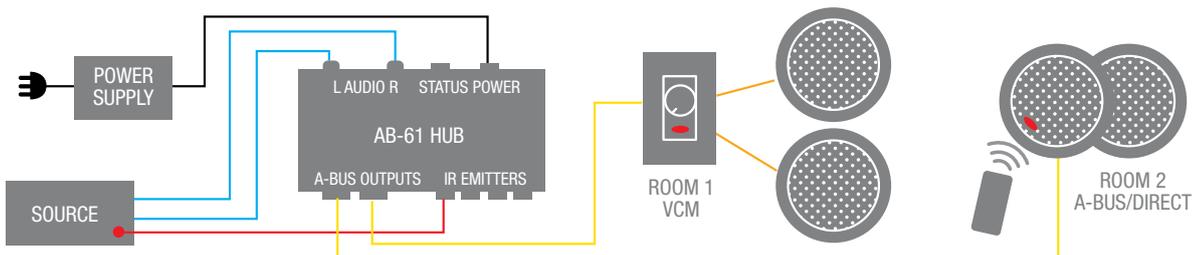
1-4 Room Single Source System with Expansion
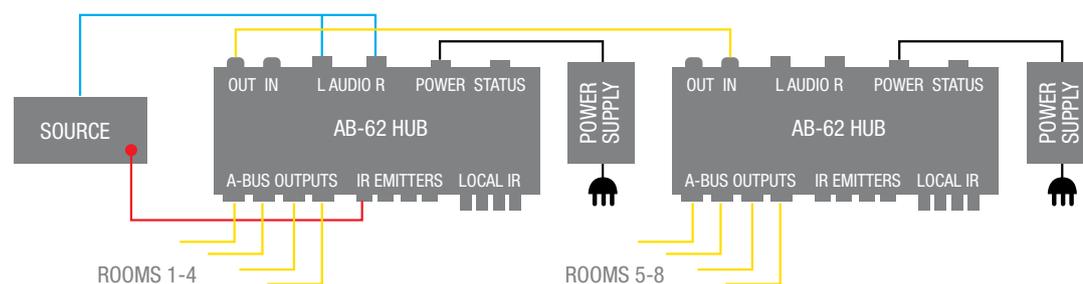
Local Input Options (LIM'S)

Unique Solutions

ABK-4RJB HUB

OUTPUTS

IN OUT EXPANSION   24VDC 2.5A

POWER SUPPLY

BLUETOOTH LIM

SMART PHONE

DIRECT CONNECTION LIM

ROOM UNIT

TV
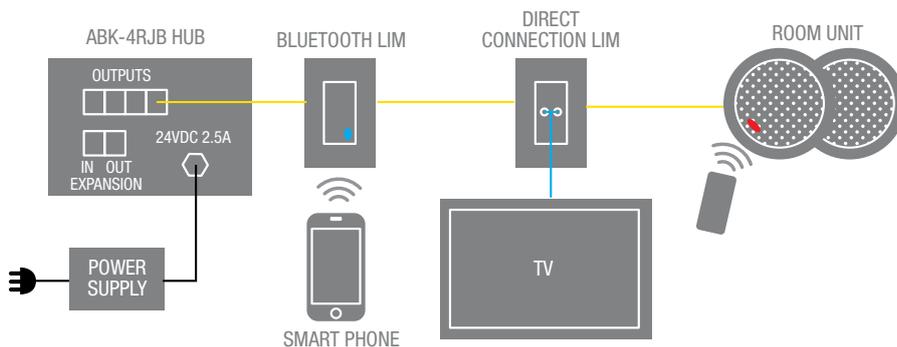
Forté Multi-Source (ABX-88) Hub with Expansion Options

UP TO 4 SOURCES

SOURCE

ALT A-BUS INPUT SOURCE

PRIMARY HUB

DC INPUTS   IR   ZONE OUTPUTS   AUDIO OUTPUTS

DATA POWER
IN

POWER SUPPLY

POWER SUPPLY

SECONDARY HUB

DC INPUTS   IR   ZONE OUTPUTS   AUDIO OUTPUTS

DATA POWER
IN
OUT

POWER SUPPLY

SINGLE SOURCE EXPANSION HUB

OUTPUTS

IN OUT EXPANSION   24VDC 2.5A

POWER SUPPLY

Room Examples
ZONE 1A Living
ZONE 1B Dining
ZONE 2 A Kitchen
ZONE 2B Family
ZONE 3A M/Bedroom
ZONE 3B M/Bathroom
ZONE 4A Study
ZONE 4B Expansion Hub

ZONE 5A Bed2
ZONE 6A Bed3
ZONE 7A Bed4

OPTIONS: 5 Additional Rooms

ROOM 8 Entry
ROOM 9 Patio
ROOM 10 Garage
ROOM 11 Spare

Structured Wiring Hubs with Input Options
- Single Source

INTERFACE MODULE

L AUDIO R   STATUS POWER

ABK-50

A-BUS OUT   IR EMITTERS

BLUETOOTH LIM

DIRECT CONNECTION LIM

HUB

OUTPUTS
1 2 3 4

IN OUT EXPANSION   24VDC 2.5A

EXPANSION

POWER SUPPLY

- Multi-Source

BLUETOOTH

SONOS

DVD

AVR

ABX-84 HUB

SOURCES   ZONE OUTPUTS

1A 2A 3A 4A
1B 2B 3B 4B

EXPANSION
AUDIO   DATA

POWER

EXPANSION

ABX-75   ABX-75   ABX-75
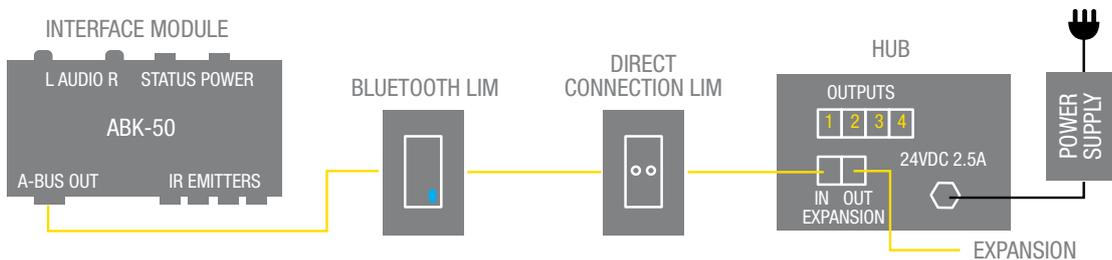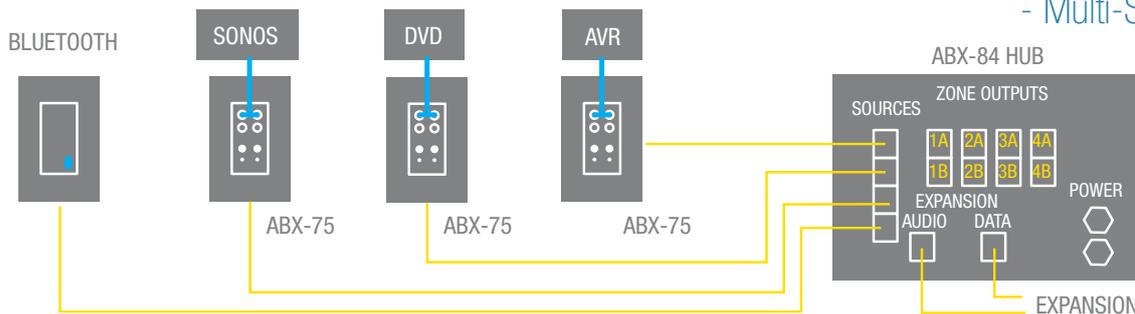
Room Units

AB-20

Amplified volume control module

Rotary volume control.
FEATURES
Control   : Rotary volume control
Input   : A-BUS (RJ-45)
Output   : Screw terminal (up to 14 gauge)
Speakers : Drives one pair of speakers
               (4 - 8 ohms) >88dB
Level Adj. : Trim pots for maximum level and balance
               (on rear)
Mounting : Single gang
Depth   : Behind mounting plate 47mm
Note   : Can only be used in multi-source hubs as a
               sub zone

AB-43

Touch-button amplified volume control module with infrared control

Touch button keypad volume level, tap to mute, infrared remote controllable, includes remote control.
Control   : Touch button for volume level and mute
               1 x ABR-40RC remote control supplied
Infrared : Repeats 38 & 56 kHz with talk back LED
Input   : A-BUS (RJ-45)
Output   : Screw terminal (up to 14 gauge)
Speakers : Drives one pair of speakers
               (4 - 8 ohms) >88dB
Level Adj. : Trim pots for maximum level and balance
               (on rear)
Mounting : Single gang
Depth   : Behind mounting plate 47mm

AB-39

Amplified volume control module with infrared relay

Rotary volume control with infrared relay and status indication.
FEATURES
Control   : Rotary volume control
Input   : A-BUS (RJ-45)
Output   : Screw terminal (up to 14 gauge)
Speakers : Drives one pair of speakers
               (4 - 8 ohms) >88dB
Level Adj. : Trim pots for maximum level and balance
               (on rear)
Mounting : Single gang
Depth   : Behind mounting plate 47mm

AB-45

Multi-source amplified volume control module with infrared control

FEATURES
Control   : Touch button for volume level and mute
               1 x ABR-40RC remote control supplied
Infrared : Repeats 38 & 56 kHz with talk back LED
Input   : A-BUS (RJ-45)
Output   : Screw terminal (up to 14 gauge)
Speakers : Drives one pair of speakers
               (4 - 8 ohms) >88dB
Level Adj. : Trim pots for maximum level and balance
               (on rear)
Back Light : Adjustable
Mounting : Single gang wall plate
Depth   : Behind mounting plate 55mm

Quality Sound

ABD-C6 UNIQUE

1 pr. A-BUS/DIRECT 6.5" Active In-Ceiling Loudspeakers with wall mountable keypad remote control

A-BUS/direct in ceiling speakers with amplification mounted directly on the master speaker providing improved sound quality, CAT5 connection direct from hub to the speakers which simplifies installation, includes a single gang keypad style remote control with surface mount cradle.

FEATURES

Control	: 1 x ABR-43RC single gang keypad style remote control with surface mount cradle. Includes A-BUS commands and learning keys for infrared source components
Input	: A-BUS (RJ-45)
Infrared	: Repeats 38 & 56kHz with talk back LED
Normal Range	: In sunlight < 15ft (5m) Indoors < 60ft (20m).
Speakers	: 1 x pr. ABP-C6 6.5" In Ceiling (See specifications below)
	: 1 x active (includes amplification and infrared receiver behind front grill
	: 1 passive, 15ft (5M) connecting cable supplied
Stereo/Mono	: Switchable
System Status	: Blue LED indicator.
Level Adj.	: Trim pots for maximum level and balance (on rear)

ABD-W5 UNIQUE

1 pr. A-BUS/DIRECT 5.25 Active on Wall Loudspeakers with wall mountable keypad remote control

A-BUS/direct Indoor/Outdoor active loudspeakers with digital amplification mounted in the master speaker providing improved sound quality, wall brackets, CAT5 connection direct from hub to speakers, simplifies installation, includes a single gang keypad style remote control with surface mount cradle.

FEATURES

Control	: 1 x ABR-43RC single gang keypad style remote control with surface mount cradle. Includes A-BUS commands and learning keys for infrared source components
Input	: A-BUS (RJ-45)
Infrared	: Repeats 38 & 56kHz with talk back LED
Normal Range	: In sunlight < 15ft (5m) Indoors < 60ft (20m).
Speakers	: ABP-W5 5" on wall (See specifications below)
	: 1 x active (includes amplification and infrared receiver behind front grill
	: 1 x passive, 15ft (5M) connecting cable supplied
System Status	: Blue LED indicator.

ABP-C6

1 pr. A-BUS 6.5" In-Ceiling Loudspeakers (passive)

Specially designed for use with A-BUS systems, with durable aluminum grills, stainless steel hardware and UV resistant frame.

Features

Woofer	: 6 1/2" polypropylene
Tweeter	: 3/4" mylar
Power	: 5 - 60 watts
Impedance	: 8 ohms (nominal)
Frequency Response	: 55 - 20k Hz
Sensitivity	: 88 dB
Grill	: Powder-coated aluminium
Dimensions	: 241 mm diameter, 76 mm depth
Cut-out	: 206 mm dia.

ABP-W5

1 pr. A-BUS 5.25 On Wall Loudspeakers (passive)

Optimized for use with A-BUS systems includes durable aluminum grills and UV resistant enclosure.

Features

Woofer	: 5.25" polypropylene mica
Tweeter	: 1" silk dome
Power	: 5 - 60 watts
Impedance	: 8 ohms (nominal)
Frequency Response	: 75 - 20k Hz
Sensitivity	: 88 dB
Grill	: Powder-coated aluminium
Colour	: Soft white
Mounting	: Standard "U" bracket, Vertical or Horizontal placement
Dimensions	: 241 mm diameter, 76 mm depth
Size	: 155 x 240 x 190 mm / 10.04" x 9.448" x 7.48" (WHD)
Weight	: 4 Kg, 8.81 lbs (11Kg, 24.25 lbs/ctn)

Hubs

Single Source

AB-61

Single source 1-2-room hub

1 or 2 room single source surface mount hub with audio input, infrared outputs and status override.

FEATURES

Input	: 1 x Stereo (2 x RCA phono)
Output	
A-BUS	: 2 rooms (RJ-45)
Emitter	: 4 x IR outputs (3.5mm)
Status*	: Automatic audio sensing
Optional	: 1 x 12VDC 500mA override (2.1mm DC plug) (not supplied)
Expansion	: None
Power	: 24VDC 2.5A power supply (included) (subject to change)
Dimensions	: 132 x 61 x 30 mm (WHD)

AB-62

Single source 1- 4 room hub, expandable

1 to 4 room single source surface mount hub, with audio inputs, infrared outputs, expansion ports, status override, local infrared input and status trigger.

FEATURES

Input	
Audio	: 1 x Stereo (2 x RCA phono)
Infrared	: Local IR input with status (screw terminal)
Output	
A-BUS	: 4 rooms (RJ-45)
Infrared	: 4 x IR outputs (3.5mm sockets)
Trigger	: 12 volt (screw terminal)
STATUS*	: Automatic audio sensing
Optional	: 1 x 12VDC 500mA override (2.1mm DC plug) (not supplied)
Expansion	: 1 x Input, 1 x Output (RJ-45)
Power	: 24VDC 2.5A power supply (included)
Dimensions	: 184 x 83 x 30 mm (WHD)

ABK-4RJB

Single source 1- 4 room distribution hub

1 to 4 room distribution hub for structured wiring or for surface mounting remote from the audio source or as a single source expansion hub.   Can be used with input modules ABK-50, AB-70 AB-BT20.

FEATURES:

Input	: Requires audio source from input module via expansion input
Output	: 4 x A-BUS
Expansion**	: 1 x Input, 1 x Output (RJ-45)
Power	: 24VDC 2.5A power supply (included)
Dimensions	: 162 x 10 x 64mm (WHD)

Multi Source

ABX-88

Surface mount Multi Source hub with 4 audio inputs and 4 output zones with 2 outputs per zone, expandable

Surface mount multi-source hub with 4 level adjustable stereo inputs, 4 output zones with two room outputs per zone, expansion fully buffered outputs to additional ABX-88's or an AVR, routed and common infrared ports and status trigger.

Features

Input	
Audio	: 4 x Stereo with level adjustment (RCA phono)
Input 1	: Optional A-BUS input (RJ-45)
Outputs	
A-BUS	: 4 x zones with dual room outputs (A & B) (RJ-45)
Note	: Each bank (A & B) requires a 24VDC 2.5Amp power supply
Infrared	: 4 x routed (3.5mm)
	: 1 x common (3.5mm)
Trigger	: 12V (3.5mm)
Expansion	
Audio	: 4 x Stereo buffered (RCA phono)
Data	: 1 x IN 1 x OUT (RJ-45)
Remote Control	: 1 X ABR-43RC (supplied)
Power	: 24VDC 2.5A power supply (one only supplied)
Dimensions	: 240 x 104 x 29mm (WHD)
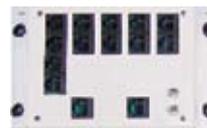
ABX-84

Structured Wiring Multi-Source hub with 4 A-BUS audio inputs and 4 output zones with 2 outputs per zone, per zone, expandable

Structured Wiring Multi Source hub with 4 A-BUS inputs to accept audio input from remote sources via the ABX-75 Single Input Module and 4 output zones each with 2 room outputs (A & B) to allow distribution to associated rooms (Master Bed &Master Bath). Also includes expansion output for a second ABX-84 for up to 8 zones (A & B).

Features

Input	
Audio	: 4 x A-BUS input (RJ-45)
	Requires ABX-75 Input Modules
	(Will also accept AB-BT20 Bluetooth and AB-70 LIM's)
A-BUS	: 4 x zones with dual room outputs (A & B) (RJ-45)
Note	: Each bank (A & B) requires a 24VDC 2.5Amp power supply
Infrared	: 4 x routed (3.5mm output on ABX-75)
Expansion	(to one additional ABX-85)
Audio	: 1 x Data (RJ-45)
Data	: 1 x Audio (RJ-45)
Remote Control	: 1 X ABR-43RC (supplied)
Power	: 24VDC 2.5A power supply (one only supplied)
Dimensions	: 88 x 121 x 20mm (WHD)

AB-70

Local input module (LIM)
direct connection

Provides local stereo audio input in individual rooms, senses local audio signal, switches automatically, inserted in the CAT5 cable line between hub and room unit, can be used as an input module (no infrared output).   Can be used in line with Bluetooth LIM.
FEATURES
Input
Main system	:	A-BUS (from hub)
Local	:	RCA phono (stereo)
Output	:	A-BUS (to room unit)
	:	Can also be used as a main source input (no infrared output)

Switching
Local input	:	Auto sensing
Main input	:	30 after local input signal ceases
Indication	:	Red LED on local input
Mounting	:	Single gang
Depth	:	Behind mounting plate 34mm

AB-70EU

Local input module (LIM)
Direct connection

Local Input Module designed for European wall plate.
Specifications similar to AB-70
Features
Mounting	:	86 x 86 mm supplied with screwless wall plate
Depth	:	Behind mounting plate 6mm

AB-72

Local Input Module Expander

Expands audio output from one local input module to two rooms, enables associates areas such as master bedroom/master bathroom, kitchen/family room, etc. to deliver common audio signal from a local source.
FEATURES
Input
Room 1	:	From LIM output
Room 2	:	Direct from Room 2 output on hub

Output
•	:	To Room 1
•	:	To Room 2
Switching	:	via LIM
Indication	:	Green LED on local input
Mounting	:	Single gang
Depth	:	Behind mounting plate 28mm

AB-BT10

Bluetooth local input module wireless

Surface mount Bluetooth wireless Local Input Module to provide local input to individual rooms, switches to local input automatically on pairing, inserted in the CAT5 cable line between hub and room unit. Can be used in line with AB-70.
FEATURES
Input
Main system	:	A-BUS (from hub)
Local	:	Bluetooth streaming
Output	:	A-BUS (to room unit)
	:	Can also be used as a main source input

Switching
Local input	:	When paired.
Indication	:	Solid Blue LED on when paired

Bluetooth
Device Name	:	MAxxxx
Renaming	:	Via PC (USB to Mini-USB, supplied)
	:	Software available at: www.a-bus.com/bt
Security	:	Code selection included with renaming software
Range	:	>10 Meters (subject to local conditions)
Approvals	:	FCC, C-Tick, CE
Mounting	:	Surface mount
Dimensions	:	66.5 x 23 x 57 mm (LHW)

AB-BT20

Bluetooth local input module wireless

Wall mount Bluetooth wireless Local Input Module to provide local input to individual rooms, switches to local input automatically on pairing, inserted in the CAT5 cable line between hub and room unit. Can be used in line with AB-70.
FEATURES
Input
Main system	:	A-BUS (from hub)
Local	:	Bluetooth streaming
Output	:	A-BUS (to room unit)
	:	Can also be used as a main source input

Switching
Local input	:	When paired.
Indication	:	Blue LED on local input

Bluetooth
	:	Ver.4+ EDR, A2DP, AVRCP, aptX, SBC
Device Name	:	A-BUSxxxx
Renaming	:	Via PC (USB to Mini-USB, supplied)
	:	Software available at: www.a-bus.com/bt
Security	:	Optional (code selection included with renaming software)
Range	:	>20 Meters (subject to local conditions)
Approvals	:	FCC, C-Tick, CE
Mounting	:	Single gang wall plate
Depth	:	Behind mounting plate 25mm

Interface Modules

ABK-50
Single Source Interface Module

Input module for audio sources located remote from a hub, senses audio signal to activate single source A-BUS systems.   Connects to hubs with A-BUS Inputs or Expansion Inputs (RJ-45).

FEATURES

Input   : 1 x Stereo (2 x RCA phono)
Outputs
  A-BUS   : 1 (RJ-45)
  Emitter   : 3 x IR outputs (3.5mm)
Status*   : Automatic audio sensing
  Optional : 2.1mm DC socket. 12VDC 500mA power supply required to override auto sensing (not supplied)
Dimensions : 132 x 61 x 30 mm (WHD)

ABX-75

Multi-Source
Single Input Module (for ABX-84)

Input module to connect audio source to ABX-84 structured wiring hub, includes a stereo input and fully buffered pass through, infrared output, 12 volt trigger, status and talkback LEDs.

Features

Input
  Audio   : 1 x Stereo (RCA phono)
              : (level adjustable, on rear)
Outputs
  A-BUS   : 1 x A-BUS (RJ-45)
  Audio   : 1 x Stereo (RCA phono), fully buffered
  Infrared : 1 (3.5mm)
  Trigger   : 1 x 12V (3.5mm)
Mounting   : Single gang
Depth   : Behind mounting plate 25mm

ABK-50EU
Interface Module

Input module designed for European wall plate similar to ABK-50.
FEATURES

Input   : 1 x Stereo (2 x RCA phono)
Outputs
  A-BUS   : 1 (RJ-45)
  Emitter   : 2 x IR outputs (3.5mm)
Status   : Automatic audio sensing
Dimensions : 50 x 45.2 x 45.25mm (WHD)
Depth   : Behind mounting plate 35mm

Energy Efficient

· Wiring Guidelines ·

1 Green/White
2 Green
3 Orange/White
4 Blue
5 Blue/White
6 Orange
7 Brown/White
8 Brown
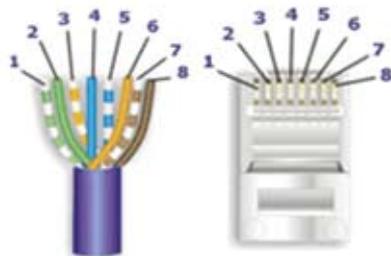
Follow T568-A colour code on side for wire placement

A-BUS Socket

Pin		Signal	Function
Brown	8	24v	24v +ve
Brown & White	7	GND	Ground
Orange	6	RCH	Right Channel
Blue & White	5	STAT	Status
Blue	4	SIG	Signal IR
Orange & White	3	GND	Ground
Green	2	LCH	Left Channel
Green & White	1	GND	Ground

Accessories
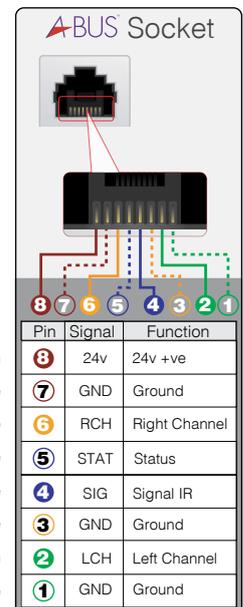
Remotes

AB-40RC

Mini Remote Control

A-BUS infrared remote control. Provides commands for volume up/down and source selection.

Features
Commands
A-BUS   : 4 x Source,
          : Volume Up/Down
          : Local Off and Global Off
Battery   : 1 x 3v DL2032
Dimensions : 40mm x 87mm x 8mm (WHD)

ABR-43   UNIQUE

Remote Control Keypad with Wall Cradle

Single gang keypad style infrared remote control with surface mount wall cradle.   Includes A-BUS commands and 4 banks to learn control commands of source components.

Features
Commands
A-BUS   : 4 x Source,
          : Volume Up/Down
          : Local Off and Global Off
Learning : Each source button can also learn a
command
          : Source buttons are also bank buttons
          : 5 commands per bank
          : 4 x non bank buttons
Mounting
Cradle   : Magnetic to metal surface
          : Screws (supplied)
Remote   : Magnetic
Battery   : 1 x 3v DL2032
Dimensions
Cradle   : 73.8mm x 117.8mm x 10mm (WHD)
Remote   : 49.8mm x   99.9 mm x 7.8 mm (WHD)

APS-25

Power Supply

A-BUS power supply (supplied with A-BUS hubs)
Note: When using "B" bank on multi-source hubs a second APS-25 is required.

Features
Type   : Switch Mode
Input   : 100-240v 50/60 Hz
Output   : 24VDC 2.5 Amp
Approval : TUV/GS, CCC, AS/NZs, UL/CUL Fcc,
            EN,CE, C-Tick (N136 A/12164EA)
Dimensions : 120 X 53 X 32 Mm (WHD)

Wallplates

Sleek screwless style wallplates in white. Cycolac UV-resistant plastic, fits NEMA standard mounting plate.

Single-Gang

74 x 118 x 7 mm (WHD) Screwless Wall Plate

WP-10

WP-20
Double-Gang

116 x 118 x 7 mm (WHD) Screwless Wall Plate
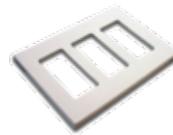
WP-30
Triple-Gang

163 x 118 x 7 mm (WHD) Screwless Wall Plate

AT-51

Audio Attenuator Lead

To be used with sources with high audio, line level output. Directional adapter. Connects the source component to the A-BUS or any line level input to stop distortion. Most commonly used with iPods & iPhones.

Set Your Home Audio Free

Forté CAT5 Intercom

Premium audio quality structured wiring intercom hub with up to 2 door inputs and 8 room outputs, A-BUS audio system interrupt and six selectable door chimes.

ABI-10
Intercom Hub

Intercom hub for structured wiring installation with up to 2 door units and with a choice of up to 8 rooms units, Mini-Master or Control Centre, with single CAT5 wiring to each room, includes a choice of six chimes, all call and individual room call baby monitoring with remote access and privacy with backlit room labelling with status identification (see room unit features).

Features
Input   : 2 x door (RJ-45)
Output   : 8 x rooms (RJ-45)
Interrupt   : Mutes A-BUS audio when active (single source hubs only)

               : 1 x input   (RJ-45)
               : 1 x output (RJ-45)
Power   : 24VDC 2.5A power supply (one only supplied)
Dimensions   : 89 x 122 x 25.5mm (WHD)

ABI-15
Mini Master

Room unit with all call and hand free response, high quality audio for clear communication including electret microphone with automatic gain control and trim control, speaker level adjustment, secure coded door latch trigger, room mute and baby monitoring selection.

Features
Input
From hub   110 punchdown
  Microphone   : Electret with auto gain and trim adjustment (on rear)
Output   : Amplifier 1 Watt
                : Speaker 1 ¾"
Trigger   : 12VDC Coded output to latch for security
Control   : Volume level Up/Down
                : Talk button
                : Door open (hold down talk and mute buttons
                  during communication)
                : Monitor
                : Mute/Privacy
Mounting   : Double gang wall plate
Depth   : Behind mounting plate 35mm

ABI-16
Control Centre

Fully flexible control unit that can be installed in any room with all ABI-15 features plus individual room communication, room naming, room activity indication, remote privacy and baby monitoring selection.
Features (in addition to ABI-15)
Control   : Individual room call
               : Backlit room naming
               : Activity Indication
               : Remote monitor selection/disconnection
               : Remote Mute/Privacy selection/disconnection
Mounting   : Triple gang wall plate
Depth   : Behind mounting plate 35mm

ABI-17
Door Unit

A single gang door unit with backlit status indication call button, high quality electret microphone and secure latch terminal.
Features
Input
From hub   : 110 punchdown
Microphone   : Electret with auto gain and trim adjustment (on rear)
Output   : to hub (RJ-45)
Control   : Backlit room talk/chime button
             : Yellow on standby, Green when activated, Red on call
Mounting   : Single gang wall plate
Depth   : Behind mounting plate 12mm

ABI-20
Outdoor Unit

Water resistant room unit for outdoor use
Features (in addition to ABI-15)
Front plate   : Brushed aluminium (Brass finish)
               : Water resistant membrane
Back board   : Lacquer coated

ABI-22
Security Door Strike Interface Cable

Door latch interface cable for remote opening of doors and gates via security coded connection.
Features
Input
  From door unit : 3M 2 core twisted cable (supplied
Output   : 12VDC
Dimensions   : 11mm x 29mm x 11mm (WHD)

Forté Infrared Relay (for challenging situations)

IRR-450

Direct Pass Mini Infrared Receiver

New high sensitivity infrared receiver with direct pass through technology providing improved transmission of the most demanding infrared codes from set top boxes and cable boxes, including resistance to local interference such as plasma and direct sunlight.   Also includes status indicator.

Features

Input

Bandwidth : 25- 60kHz
Range : >40M (subject to local conditions)
Angle : +/-90 degrees
Output : 12V 100MA
Colours : Black white and silver covers (included)
Power : 12VDC 10mA
Dimensions : 44 x 11 x 13 mm (WHD).

IRR-600

Through hole barrel infra red receiver

Barrel design infrared receiver for through hole mounting, plasma resistant and resistant to direct sun light, includes status indicator.

Features

Input

Bandwidth : 25- 60kHz
Range : >30M (subject to local conditions)
Angle : +/-70 degrees
Output : 12V 100MA
Colours : Black White and Brass bezels included
Power : 12VDC 10mA
Dimensions : 12mm dia cut out x 15mm bezel x 56mm Long

IRC-130

Single Zone Infrared Connecting Block

To connect up to six infrared receivers and 5 emitters (dual), includes individual level adjustment on each emitter port for difficult infrared commands and status power socket to indicate status of main system.

Features

Input : 1 x easy connect terminal for up to 6 infrared receivers
Range : >30M (subject to local conditions)
Angle : +/-90 degrees
Output : 5 for single or dual emitters, level adjustable (3.5mm)
Status : For status indication on receivers (requires 12V 100MA power supply)
Colour : Black
Power : 12VDC 1A regulated (not supplied)
Dimensions : 25 x 58 mm (WHD).

IRC-135

Direct Pass Mini Infrared Receiver

Similar to IRC-130 with power supply included
Subject to individual country requirements.

IRE-110

Single Infrared Mini Emitter

Low profile infrared emitter in infrared translucent Lexen plastic for local signal pass through, includes blanking cover for multi-source use and better adhesion to front panel, also includes trainer guides for neat installation. .

Features

Cable : 1M low profile 28 gauge cable
Plug : 3.5mm (mono)
Cover : 1 x blanking with adhesive
Trainers : 2 x cable guides
Spare : 2 x spare double sided head adhesives

IRE-120

Single Infrared Mini Emitter

Double Headed Infrared Mini Emitter
Similar to IRE-110 with two emitter heads

IRK-422

Mini Receiver Kit

Complete single room infrared relay kit, expandable to six areas with additions receivers, supplied in retail packaging.

Kit Includes

1 x IRR-450. : Direct Pass Mini Infrared Receiver
1 x IRC-135 : Single Zone Infrared Connecting Block
2 x 1RE-120 : Double Headed Infrared Emitters
1 x PS-2 : Power Supply (subject to local requirements).

Set Your Home Audio Free

Unique Solutions · Simple Installation · Energy-Efficient

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