

asano

| **basalte**

Imagine, a sound system that fills every room with crystal clear music & offers unequalled performance, flexibility & simplicity.

Crafted with love, built to last...

asano



every room,
your music

Asano is a networked multiroom audio system that allows you to freely locate your sources and amplifiers anywhere in the house. It's ideal for homes of all sizes, as well as restaurants, sports bars and hotels.

Asano transports uncompressed crystal clear audio from any source to any room over a dedicated Ethernet network. By doing so, the system offers an unseen flexibility and expandability.

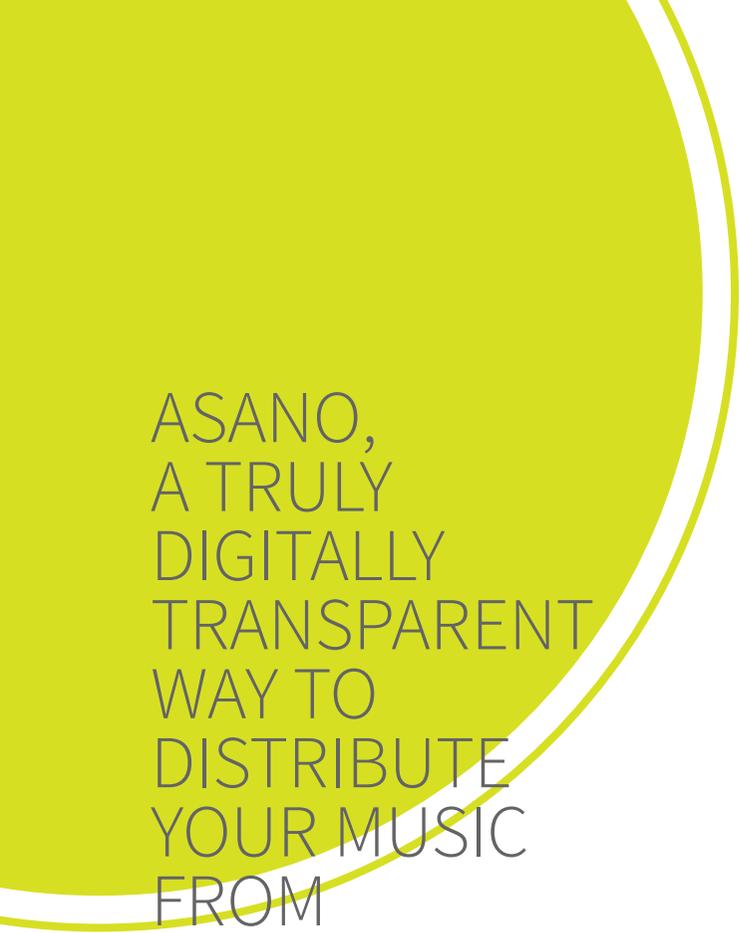
With Asano, a virtually unlimited number of sources can be distributed to up to 60 rooms.

Bang & Olufsen ICEpower Class D amplifiers power the Asano system with unequalled performance and efficiency. Now, you can enjoy your music the way it was intended to be.

With the internal advanced DSP, you can fine-tune your sound in every room just the way you want it, creating the ultimate listening experience.

Asano integrates perfectly in KNX systems, without any interface, creating a new level of simplicity, flexibility and ease of installation.

HIGH FIDELITY,
NETWORKED
AUDIO
CONTROLLED
WITH KNX,
FINALLY IN
ONE SYSTEM!



ASANO,
A TRULY
DIGITALLY
TRANSPARENT
WAY TO
DISTRIBUTE
YOUR MUSIC
FROM
ANYWHERE TO
EVERYWHERE.

Asano uses CobraNet to transport in real-time uncompressed 24 bit - 48kHz digital audio over a dedicated Ethernet network by use of a standard Ethernet switch.

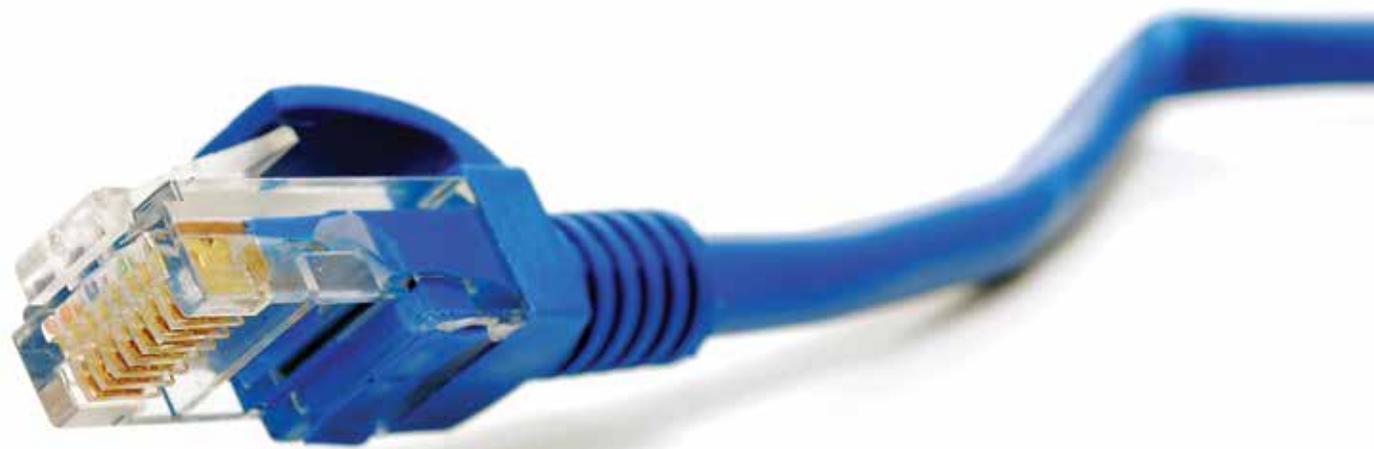
CobraNet is considered to be the biggest standard in professional audio systems and has been deployed in stadiums, convention centres, concert halls and even live touring shows. It is a robust, reliable and high quality technology.

With CobraNet, any audio input can be dynamically routed to any amplifier, providing unparalleled flexibility and creating a decentralised music system.

A decentralised music system doesn't have a central master unit to which all the speakers and sources need to be connected. Instead, sources and amplifiers can be freely located anywhere in the house. As a result, cable runs to speakers and sources are dramatically reduced.

With Ethernet transport, inexpensive CAT5e cabling can be used over long cable runs without any signal degradation or interference.

With CobraNet, all rooms playing the same music are perfectly synchronized.





ASANO,
A PERFECTLY
INTEGRATED
SOLUTION
FOR KNX
SYSTEMS.



Asano has been designed from ground up to be integrated in KNX systems. There is no control on the front panel neither is there a specific control keypad, the system is completely and only controlled by KNX in a way that is unprecedented.

This makes it possible to control the Asano system with any KNX control device like our Sentido keypad or the Deseo room controller.

With the integrated scene functionality, music zones can be set to specific sources at a specific volume by use of a scene command.

The override function allows immediate switching to a priority source like an alarm or an intercom message. After an override, the music zone gently returns to its previous state.

Automatic input signal sensing allows triggering KNX commands when a source starts playing. For example, when an input is connected to a network audio player like the Apple Airport Express, the amplifier starts playing when music is sent to the device. But also other commands, like a specific scene, can be started.

The integrated party mode allows for all selected rooms to play in perfect sync like one big system.

The integrated 5-band equalizer can be easily controlled with KNX commands allowing you to fine-tune the system in every room.

Every Asano device neatly integrates with ETS, the KNX programming tool. This allows for a uniform and easy setup and configuration of the system.





ASANO

P1

| *zone amplifier*

Asano P1 is a single zone networked stereo amplifier with 2 inputs for analogue sources.

A source connected to one of the inputs, immediately becomes a source for all the other zones of the Asano system.

All inputs have signal sensing to automatically switch on a zone or to trigger KNX events.

To deliver superior audio performance, Asano P1 is powered with 2x125W Bang & Olufsen ICEpower amplification.

Furthermore, Asano P1 offers the possibility to connect an active subwoofer.

Advanced DSP processing provides 5-band equalization with bass and treble control and the selection of up to 8 different EQ-presets.

Asano P1 can also be configured to be used as 2 completely independent mono zones for smaller areas as a dressing room or a bathroom.

P1 is completely configured and controlled with KNX. There is no need for any network configuration. Simply connect the amplifier to KNX and a standard Ethernet switch.





ASANO

P4

4 zone amplifier

Asano P4 is a networked 4-zone stereo amplifier with 4 inputs for analogue sources.

A source connected to one of the inputs, immediately becomes a source for all the other zones of the Asano system.

All inputs have signal sensing to automatically switch on a zone or to trigger KNX events.

To deliver superior audio performance, all zone outputs are powered with 2x125W Bang & Olufsen ICEpower amplification.

Just in case that isn't enough, two zones can be bridged to produce astonishing 2x450W audiophile amplification.

Advanced DSP processing provides 5-band equalization with bass and treble control and the selection of up to 8 different EQ-presets for every zone or room.

P4 is completely configured and controlled with KNX. There is no need for any network configuration. Simply connect the amplifier to KNX and a standard Ethernet switch.









ASANO

N1

input module

Asano N1 is a network node to connect any source to the Asano system.

One single source can be connected to the analogue or digital (optical or coaxial) input.

With USB, you can connect Asano N1 to a PC. By doing so, the PC becomes a source for the audio system and has a full digital path all the way up to the amplifier.

Two rotary dials configure the source number, easy and simple.

Power for the module can be supplied with a separate power supply or by Power over Ethernet (PoE).



MMS link

The MMS-link is a DIN rail module that integrates the third party Mirage Media Server (MMS) with the Asano system.

The MMS-server is a cloud based music server with 1TB internal storage that provides up to 5 streams of audio.

The MMS-server synchronises automatically with your iTunes library, provides Internet radio streams and is compatible with Apple Airplay.

The MMS-server has 4 analogue outputs and 1 digital output and can be perfectly paired with the Asano P4 amplifier using the 4 analogue inputs, leaving 1 digital output for the home entertainment system.

With the MMS-link it is possible to have 2-way control of the MMS-server with KNX, creating a fully integrated music system. It becomes also possible to control the complete Asano system with the MMS iPad app.

The MMS-link has two LAN ports with integrated switch for daisy chaining.



IR link

The IR-link is a DIN rail module that integrates third party Global Caché iTach IP2IR modules with the Asano system.

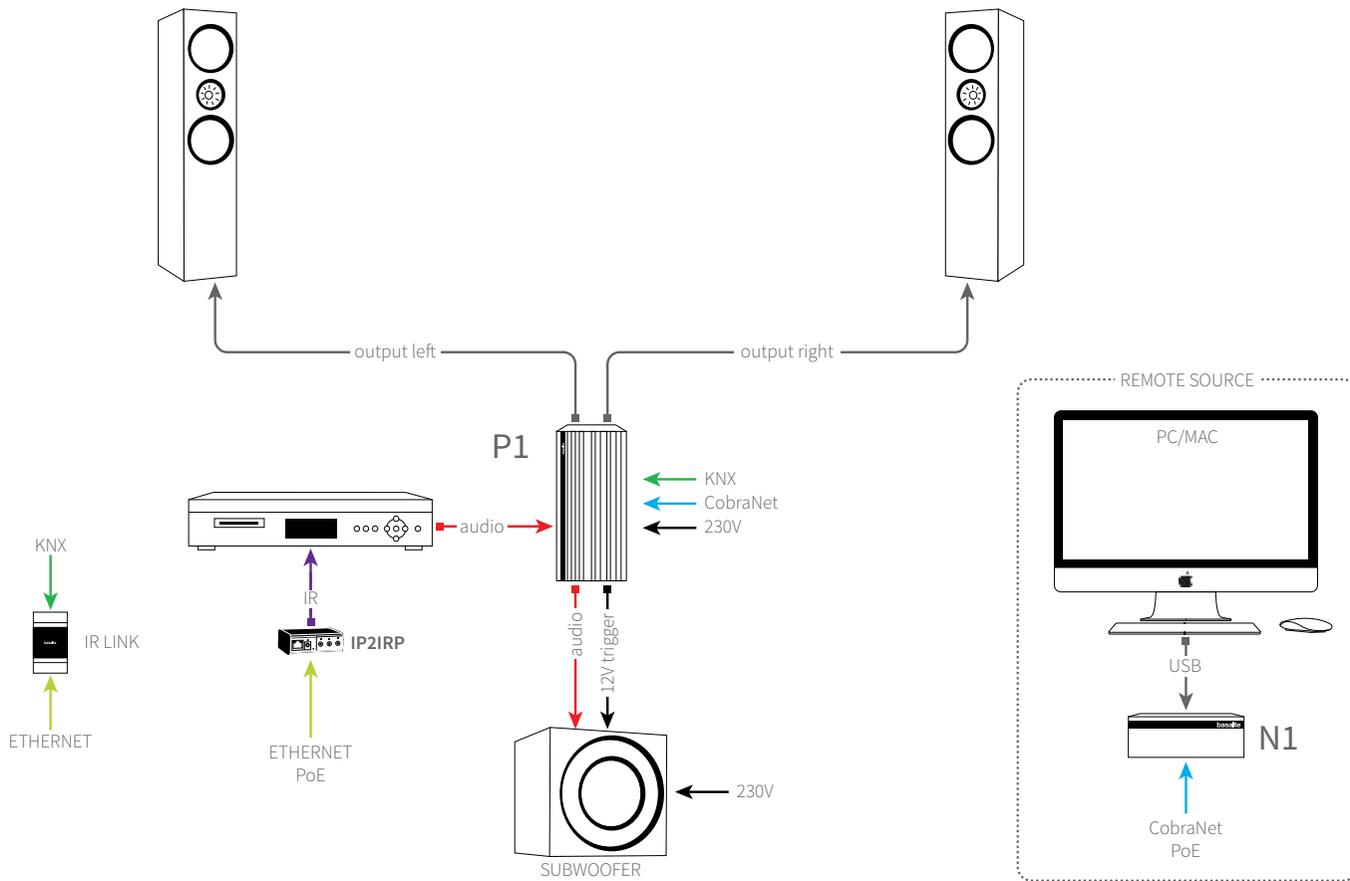
With the IR-link in combination with IP2IR modules, it becomes possible to control any IR device with KNX. CD players, tuners or digital set top boxes, all become part of the Asano system.

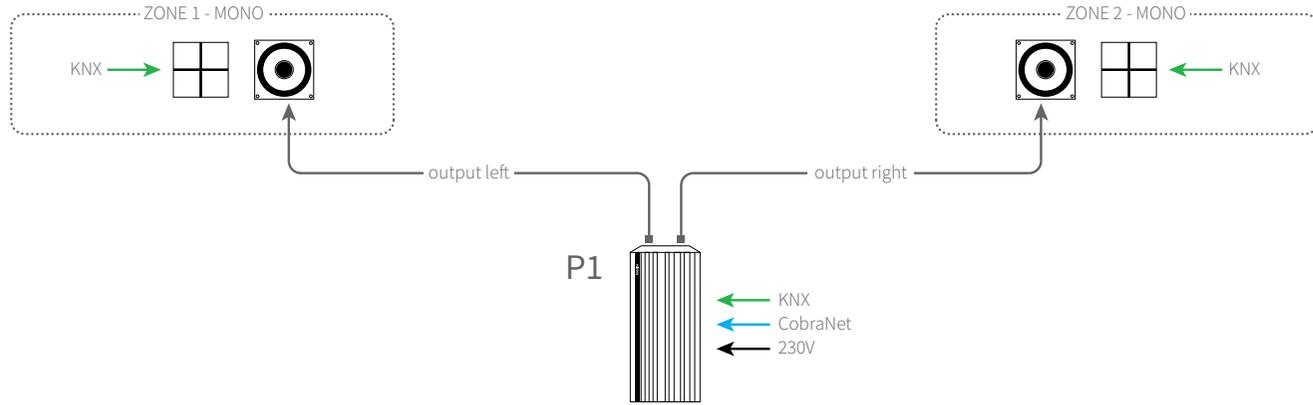
The IR-link can be combined with up to 8 IP2IR modules that can be located anywhere in the house.

The IR-link has two LAN ports with integrated switch for daisy chaining.

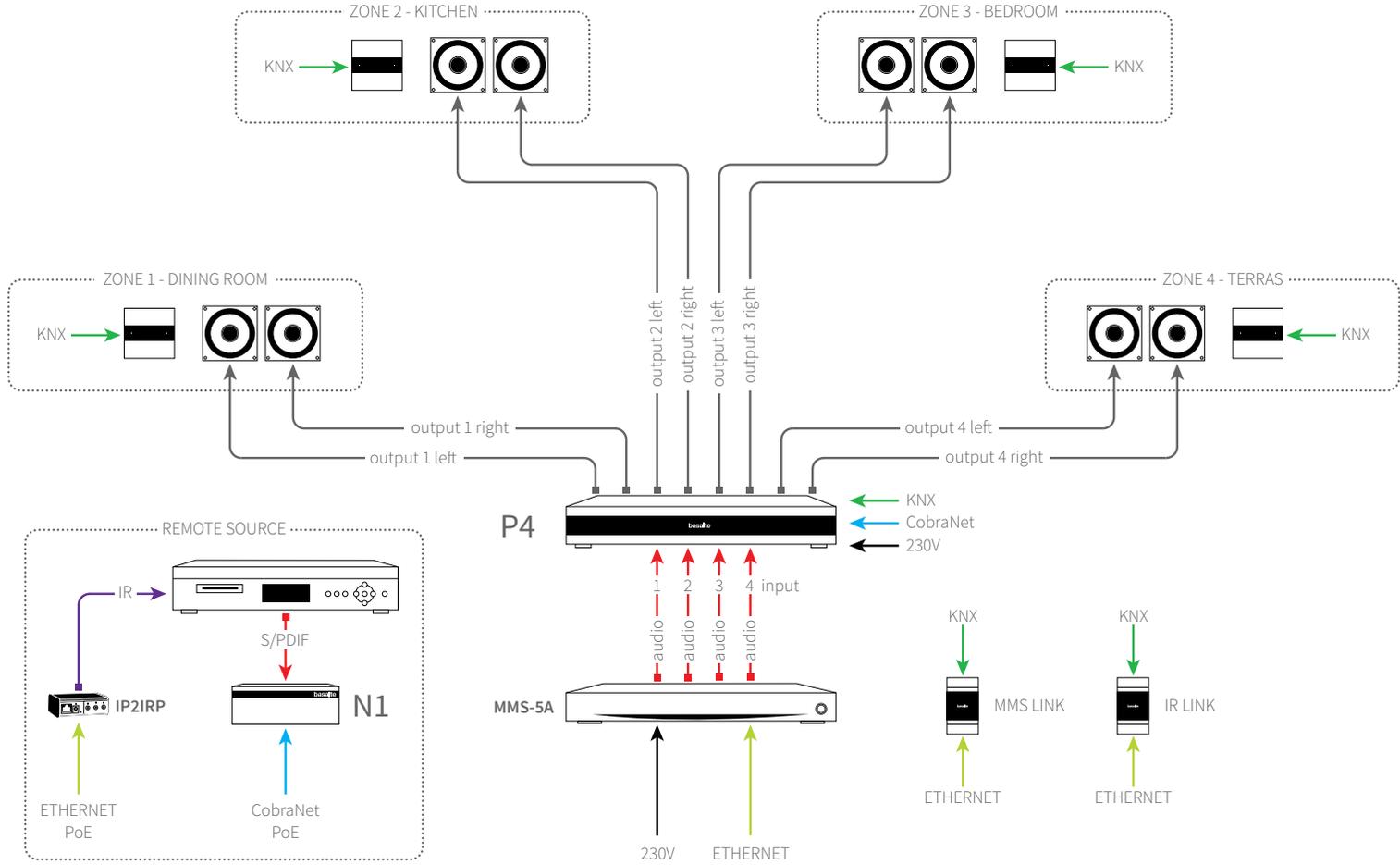


P1 in a stereo zone configuration with subwoofer





P4 in a 4 zone stereo configuration



technical specifications

	P1	P4	N1
Total number of sources	2	4	1
Analog input	2	4	1
S/PDIF coaxial input - 2 ch PCM	-	-	1
S/PDIF Toslink optical input - 2 ch PCM	-	-	1
USB digital audio 2ch input	-	-	1
Resolution / sample frequency	24 bit 48 kHz	24 bit 48 kHz	24 bit 48 kHz
Input signal sensing	yes	yes	no
Total number of zones (stereo)	1	4	-
Total number of zones (mono)	2	-	-
Total number of zones (bridged)	1 (mono)	2 (stereo)	-
Subwoofer analog output	1	-	-
Subwoofer trigger output	1	-	-
Party mode	yes	yes	-
Override function	yes	yes	-
Scene control	yes	yes	-
Speaker output power at 4 Ohm - 1% THD+N	2 x 125W	8 x 125W	-
Bridged output power at 4 Ohm - 1% THD+N	1 x 450W	4 x 450W	-
Minimum load	3 Ohm	3 Ohm	-
Frequency response 20Hz - 20kHz	+/- 0,5dB	+/- 0,5dB	-
THD+N 1kHz, 1W	0,003%	0,003%	-
KNX	yes	yes	no
Power	220V - 240V AC	220V - 240V AC	12V DC - PoE
Dimensions (w x h x d) mm	300 x 55 x 140	430 x 66 x 265	188 x 30 x 105
Weight	2,3kg	6,2kg	0,6kg
Certification	CE	CE	CE



*“Without deviation from the norm,
progress is not possible.”*

Frank Zappa

every room,
your music



basalte

basalte bvba | hundelgemsesteenweg 1a
9820 merelbeke | belgium
t +32(0)9 385 78 38 | f +32(0)9 329 66 95
www.basalte.be | info@basalte.be

basalte is a registered trademark of basalte bvba

asano is a registered trademark of basalte bvba

© basalte 2013

photography: Steytpaña productions

www.basalte.be