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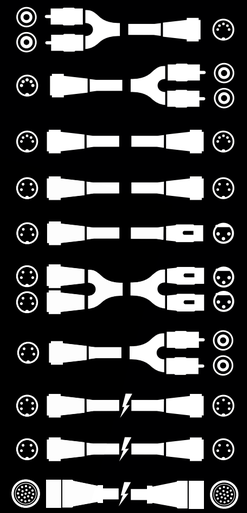
DIN cable combinations



2 RCA to 5-pin DIN(180°)
eg. Non-Naim CD player or 2 channel audio source.

5-pin DIN(180°) to 2 RCA eg. Naim CD player to non-Naim amplifer or another 2 channel audio input.

5-pin DIN(180°) to 5-pin DIN(180°)
eg. Naim CD player to Naim pre-amplifer.

4-pin DIN to 4-pin DIN eg. Vintage Quad equipment or Naim pre-amplifier/bi-amp output to Naim power amplifier.

4-pin DIN to XLR
eg. Naim pre-amplifier to Naim 250 power amplifier.

2x 4-pin DIN to 2 XLR
eg. Naim pre-amplifier to Naim 300/500 power amplifier.

4-pin DIN to 2 RCA
eg. Naim pre-amplifer to non-Naim power amplifer.

5-pin DIN(240°) to 5-pin DIN(240°) eg. Naim power supply to Naim power amplifier/audio source, carrying signal and power.

4-pin DIN to 4-pin DIN eg. Naim power supply to Naim power amplifier/audio source, carrying signal and power.

Burndy cable (multi-pin) eg. Naim power supply to Naim power amplifier/audio source, carrying signal and power.

Naim Audio equipment	SNAIC power/signal cable	Burndy power/signal cables	DIN/XLR signal cables
CD555PS to CD555/NDS/ND555		555 Burndy No1&2	
XPS to ND5XS/NDX/NDX2/CDX2/DAC		XPS Burndy	
NAC552PS	SNAIC 5	NAC 552 Burndy	
SuperCap	SNAIC 5	SuperCap Burndy	4 pin DIN
HiCap	SNAIC 5		4 pin DIN
FlatCap	SNAIC 5		4 pin DIN
Snaxo 362	SNAIC 5	362 Snaxo/SuperLine Burndy	
Snaxo 242	SNAIC 5	242 Snaxo/Superline Burndy	
NAP 500		500 Burndy	Pair 4 pin DIN-XLR 300/500
NAP 300		300 Burndy	Pair 4 pin DIN-XLR 300/500
NAP 250			4 pin DIN-XLR 250
NAP 200			4 pin DIN
NAP 155xs			4 pin DIN
NAP 100			4 pin DIN
NAC 552	SNAIC 5	552 Burndy	
NAC 282	SNAIC 5		4 pin DIN
NAC N 272		272/XPS Burndy	4 pin DIN
NAC 252	SNAIC 5	252 Burndy	
NAC 202	SNAIC 5		4 pin DIN
NAC 152	SNAIC 4		
NAC 122	SNAIC 4		
NAC 52	SNAIC 5	NAC 52 burndy	
StageLine	SNAIC 5		
DAC V1			4 pin DIN
SuperLine	SNAIC 5	Snaxo/Superline Burndy	
Nait XS3	SNAIC 5 / 4		
SuperNait 3	SNAIC 5 / 4		
ND 555		555 Burndy No1&2	5 pin DIN 180°
NDX 2		XPS Burndy	5 pin DIN 180°
ND5 XS2			5 pin DIN 180°
CD5si			5 pin DIN 180°
CDS		CDS Burndy	5 pin DIN 180°

Please note - this table/data is a general guide to some of the more common DIN/Burndy connections. For more in-depth Naim cable advice contact your usual Chord Company supplier or talk to our technical sales dept for advice.

Choosing the right DIN cable

This product guide should give you a good idea of the myriad Chord Company DIN connections available. It's by no means exhaustive, so for advice on getting the right DIN connection for your particular system, or any other questions please contact our technical sales dept via email: **cabledoctor@chord.co.uk** or visit www.chord.co.uk.

Our experienced team can guide you towards a suitable local retailer for DIN cable demonstrations in store or in some cases on loan in your home, via our unique library service.

DIN history

The 'Deutsches Institut für Normung' or DIN connector has been around since the late 1960s and was used by many hi-fi audio manufacturers, including B&O, Black Tulip, Tanberg and Nytech.

DIN plugs share an earth between left and right signals, minimising connections and reducing low level noise. They can carry power (24v DC) as well as audio signals. An RCA connector has a typical capacitive impedance of 200 ohms compared to standard cable being 50 ohms. Impedance variation can cause reflections which are harmful to low-level signals, particularly at high-frequencies. DIN plug impedance is closer to 50 ohms, minimising these reflections.

DIN performance upgrade

These days DIN sockets tend to be found on Naim Audio or older Quad equipment. We have over 35 years' experience in building high-spec upgrade cables for both products and at all performance levels. Chord Company DIN cables can be supplied with 4-pin or 5-pin silver-plated DIN plugs in push-fit metal, plastic (Quad) or Preh locking ring (Naim Audio) variants and in combination with XLR, RCA (phono), BNC and mini-jack connectors, allowing non-Naim/Quad equipment to be linked with ease and with its musicality intact.

Many years ago, we established that shorter length (< 1m) DIN cables can have a detrimental effect on Naim Audio amplifiers. Longer custom lengths are not a problem. From a basic interconnect to a complex Burndy cable we can help you get the best from your Naim gear, be it vintage or modern.

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DIN connections

Clearway DIN

Interconnects from £125
Speaker cables from £14.95 per m
(UK RRP)

The opening act in our wide range of DIN cables. Available in all basic DIN combinations and the ideal companion to earlier DIN-equipped products such as Quad or A&R Cambridge, as well as the latest offerings from Naim Audio.

Hand built at Chord Company in UK with two identical runs of cable and hand-soldered connectors, Clearway features our latest Broadband shielding and EnhancedARAY technology. These features reduce the pick-up of high-frequency noise and keep it from the signal earths of your equipment.

Simply put, it breathes new musical life into your system. Like all of our cables, the proof is in experiencing the differences yourself. Clearway DIN is a great entry-level cable that will compete against many unshielded models at higher price points.

Shawline DIN

Interconnects from £250
Speaker cables from £30 per m
(UK RRP)

A significant step up from our Clearway models. The differences are all internal. Shawline uses a single run of high-speed multi-core cable and is available in all DIN connection options. The performance improvements are a result of significant internal mechanical and material upgrades.

The high-frequency shielding is of a greater complexity and further protects your valuable signal and equipment from high-frequency noise. The bandwidth (cable speed) is increased thanks to higher-quality conductor insulation. We were delighted by the increase in detail, dynamics and flow of music during comparisons with basic cables. To fully understand this range of cables, you need to listen. After a few of your favourite tracks, you will know if Shawline DIN is for you.

Epic DIN

Interconnects from £500
Speaker cables from £60 per m
(UK RRP)

A recent and welcome addition to our DIN cable family. The design builds upon the Shawline platform but pushes it further.

The single multi-core cable features a similar multi-layered, complex shielding system. The gauge (thickness) of the conductors has been increased and we have introduced the superior hand-assembled TunedARAY into the design. Assembly is complex and time-consuming (and more expensive), but we feel this extra care results in an outstanding cable at this level.

Epic DIN fills the gap that once existed between the Shawline and Signature ranges. In its short life, Epic DIN has generated great interest with Naim owners at all levels. Auditions are available via Chord Company retailers.

Signature DIN

Interconnects from £800
Speaker cables from £900 per terminated set
(UK RRP)

Signature DIN cables introduce an entirely different level of conductor mechanical engineering, insulation materials and connector design.

The construction employs separate high-bandwidth silver-plated copper conductors, PTFE insulation and a high-efficiency multi- layered screening system for each run of cable. This stops interaction between the cables. Careful assembly and choice of materials further reduces the HF noise pick-up which, in turn, helps to preserve the smaller elements of the signal that are so vital in delivering the fine detail and timing in a convincing musical performance.

These cables, along with the TunedARAY technology, are all protected within a black braid. The RCA plugs (if fitted) are Chord Company UK-built flagship connectors, employing a PTFE sleeve and silver-plated centre pin holder.

Signature brings a new world of musical discovery. If you feel your system would merit a cable at this level, then contact your Chord retailer for a demonstration or enjoy one at home before you invest.

SarumT DIN

Interconnects from £2000
Speaker cables from £1800 per terminated set
(UK RRP)

PTFE has long been our go-to insulation material. Like most things in life, nothing is ever simple. Although a fantastic insulator it does have one weakness: at room temperature it is not phase-stable. This causes issues with the ultimate musical accuracy of the cable. SarumT replaces PTFE with Taylon® and virtually eliminates this phase issue.

When first testing this material, we were doubtful of the magnitude of any audible difference, particularly when considering the enormous jump in cost over PTFE. However, after the first 30 seconds of listening, we were convinced!

At this level, SarumT cables are usually found in high-end Naim equipment. Systems that have what Naim staff refer to as 'PRAT' (pace, rhythm and timing) and carry the very soul of a recording.

SarumT with Taylon® preserves this musicality as it passes from one component to the next. Taylon® is still one of the biggest cable differences that we have heard during our 30-plus years of improving cables.

The SarumT DIN range is a stripped down version of the ChordMusic DIN range. Same conductors and insulation, same SuperARAY technology, but fewer layers of shielding. Auditioning this cable is a must in our opinion.

ChordMusic DIN

Interconnects from £3500
Speaker cables from £3300 per terminated set
(UK RRP)

Our flagship range of DIN cables and the distillation of everything that makes a cable sound detailed, whilst at the same time preserving great musicality from the equipment.

Every performance-enhancing technology we can muster is incorporated in this no-compromise range. Unique Taylon® insulation, multi-layered screening, SuperARAY technology, hand-assembly and our exclusive connector design.

Currently, we know of no way to improve this design, but if this changes, we will be happy to incorporate any developments and upgrades into your cable investment.

There are a limited number of Chord Company retailers carrying demonstration cables of this level. We offer a special library service, accessed via your preferred ChordMusic outlet, so you can benefit from a personal listening experience. ChordMusic retailers can also cater for unusual connector combinations and custom lengths.

NEW
ChordBurndy cables

We are delighted to offer Naim Audio users a new and clear upgrade path for their Burndy-equipped devices.

Unlike other Burndy cables, each wire within the ChordBurndy has its own shielding system.

They are available in custom lengths and a wide variety of configurations. Every cable is handmade to order and uses the optimum signal/shielding system, comprising silver-plated copper conductors, our flagship Taylon® proprietary insulation (single Burndy cables only), acoustic and anti-EMF braid, all protected by a black nylon outer jacket.

This project has been a fascinating journey and particularly useful, as we use a Burndy-equipped Naim NDX/NAP 300 in our listening room. The prototype ChordBurndy, although fitted with basic conductor shielding, achieved immediately audible improvements and as we increased the quality and precision of the wires the musical results kept coming. The step-up to Taylon® insulation simply transformed our system and was the obvious choice for the final design.

Using complex and delicate cables means the ChordBurndy should be handled with respect. It cannot safely bend through 90 degrees at the plugs ends. Models with high pin numbers are also less flexible than the standard versions. Care must be taken during installation so as not to exceed the bend radius. The reward will be a new level of musical performance from some of the world's finest electronics.

For the Naim 300/500 Burndy pairs it was conductor gauge and shielding upgrades that gave the biggest improvements. The Naim 500 version has the wire gauge increased to the maximum that the larger pins will allow.

Depending on your equipment combination there can be between seven and nineteen internal cables. The ChordBurndy is a time and resource-heavy build, but justified by the fundamental leap in performance. These custom-built cables come in at different price levels depending on complexity and the number of wires needed.

Contact your usual Chord Company retailer and arrange a demonstration or home trial and find out what these cables can do for your music.

Single cable variants:
555 (no.2) 7pin
555 (no.1) 10pin SXPS 11pin
CDS power Burndy 13pin NAC252 15pin
Nac 52 Pre 16pin Snaxo/S-Line 17pin 552 19pin

Cable pair variants:
300 7pin
500 9pin

NEW
Chord Company Bridge

Enjoy enhanced audio streamer performance without an external power supply. Added protection from HF noise on the signal ground. Even small quantities can have a significant impact on a system's musical performance.

The Chord Company Bridge is hand built in UK and upgrades the lightweight, unshielded shorting plug supplied with audio streaming equipment, offering a no-compromise, noise-reduced connection. It features a machined heavy-gauge aluminium case for both acoustic and electrical isolation. The Taylon® insulated wiring and resin-dampened internal assembly further increase this isolation.

Prototype testing with a few Naim NDX owners generated enthusiastic requests for Bridge units for use in their own systems. Only too happy to oblige, we commissioned a limited run of cases and hand assembled each unit. We can supply these while our case stocks last!

Design Quality Performance

Award-winning hand built cables. Designed and tested in the UK. Complete with lifetime guarantee.

Chord Company has been bringing people closer to their music since 1985.

Our unique technology and our mission to deliver better performance has produced comprehensive and complementary ranges of cables designed to suit any application and budget, including analogue, digital, optical, streaming, HDMI, power, tonearm and speaker cables.

Alongside connections for home cinema, pro audio and musical instruments, we also provide a range of acclaimed isolation mounts and a high-grade audio contact cleaner.

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www.chord.co.uk