

TRANSETT 32

A loop amplifier available in three different versions that cover your needs for different kinds of premises and vehicles



Robust loop amplifier

All versions of Transsett 32 are robust loop amplifiers intended for areas up to approximately 180 m² and they are excellent for use in churches, meeting halls and schools. The excellent sound can be fine adjusted using separate controls for bass and treble. Transsett 32 is easy to install. It is made in three versions for different purposes: standard, phase array and 24 V for vehicles. The features in our standard version Transsett 32, are found in all versions.

Transsett 32

Transsett 32 is our standard version used for single loop implementations. It is equipped with the following features:

- Three line inputs on connection terminal. All inputs are balanced in order to minimize outside noise.
- One 5-pin socket for microphone.
- AGC (Automatic Gain Control) which can be set to three values (slow, fast, off). Input level is easily adjusted for each signal source.
- Line out.
- 24 V (DC) out for accessories.
- Power supply for door chime with buzz indicator on loop.
- Adjustable loop current.
- Bass and treble controls.

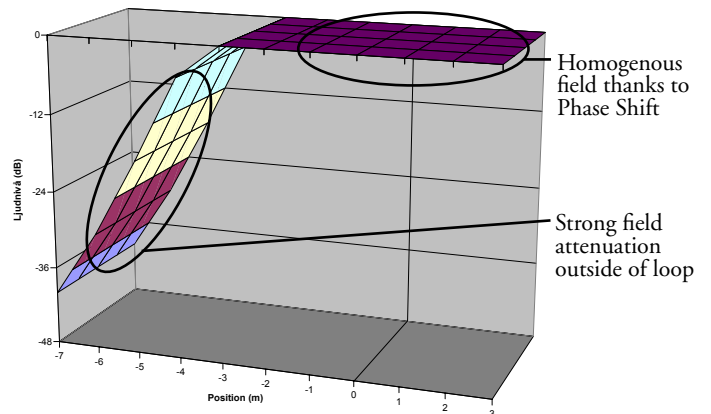
Transsett 32 can easily be upgraded to a Transsett 32 Phase Shift 90° or 180° using a Transsett 32 Phase Shift Card.

Transsett 32 Phase Shift

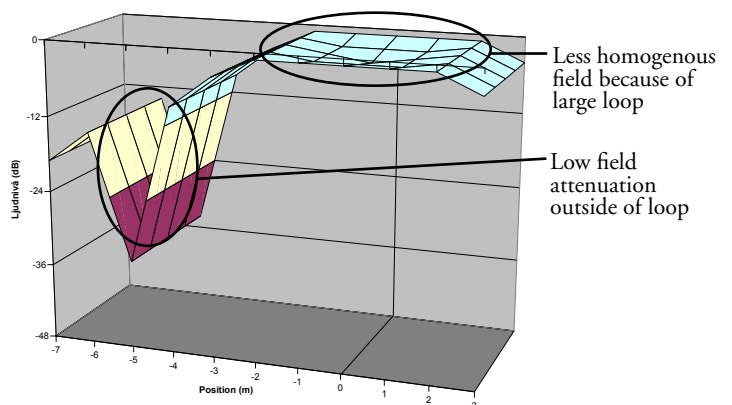
A signal phase shift functionality is ideal for situations with interference (cancelling out) problems between multiple independent loops installed in close vicinity to each other. Phase array loop configurations are common in for example conference centres, hotels and school environments where adjacent rooms otherwise would be subject to overhearing. An installation with multiple loops has several advantages:

- A strong field attenuation outside the loop area.
- A very homogenous field within the loop.
- The hearing instrument works well in the whole area covered, independent of its orientation.

Installation with Phase Shift:



Installation with single loop:



Transsett 32 24V

Transsett 32 24V is a durable loop amplifier for transport vehicles (e.g. trains, coaches, cars and lifts). Its operating voltage is in the range of 20-30 V (DC).

TECHNICAL DATA

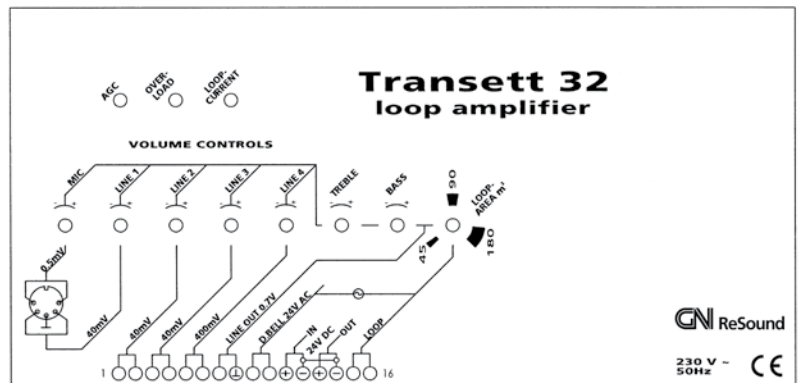
Power supply	
(32 och 32 Phase Shift):	230 V.
Power supply (32 24V):	20-30 V DC.
Inputs (DIN41524-connector):	<ul style="list-style-type: none"> • Microphone 0.5-15 mV/8 kΩ. Balanced with phantom 15 V. • Line 1: 40-1000 mV/20 kΩ. Electronically balanced.
Inputs (block terminal):	<ul style="list-style-type: none"> • Line 2 och 3: 40-1000 mV/20 kΩ. Electronically balanced. • Line 4: 0.4-10 V/45 kΩ. Electronically balanced.
Outputs:	<ul style="list-style-type: none"> • Loop output 30 VA with 1.5 Ω loop resistance. • 24 V DC, 300 mA for accessories. • Line out 600 mV. • Power supply for door chime, with buzz indicator on loop.
Distortion:	1% at 30 VA.
Frequency range:	100-9000 Hz, -3 dB rel. 1000 Hz.
Signal/noise ratio:	>50 dB for microphone input. >60 dB for line inputs.
Treble boost:	+5 dB at 4 kHz rel. 1000 Hz.
Bass boost:	+5 dB at 200 Hz rel. 1000 Hz.
AGC:	<ul style="list-style-type: none"> • 40 dB dynamic range. • Attack-time 30 ms. • Decay-time 30 seconds, adjustable with jumper.
Overload protection:	Thermal; reduce drive level.
Power consumption:	70 W max. Idle state: <5 W.
Dimensions:	258 × 120 × 75 mm

Ordering numbers:

Transett 32	200 10 18
Transett 32 Phase Shift 90°	200 10 21
Transett 32 Phase Shift 180°	200 10 26
Transett 32 24V	200 10 22
Transett 32 Phase Shift Card	877 46 31 00



Any issues relating to the EU Medical Device Directive 93/42/EEC should be directed to GN ReSound A/S.



CONTACT

GN ReSound ALD Division
 Box 128 74
 SE-112 98 Stockholm
 SWEDEN
 Tel. +46 31 800 150
 Fax +46 8 54 55 36 39
 info.ald@gnresound.se
 www.gnresound-ald.com

MANUFACTURER

in the sense of EU Medical Device Directive 93/42/EEC:

GN Resound A/S
 Lautrupbjerg 7
 DK-2750 Ballerup
 Denmark

Service and product-related questions: contact GN ReSound ALD Division.