DELANO

pickup systems



INSTALLATION GUIDE

REV. 02 - 11/2011



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Dear Customer,

We are pleased that you have selected one of our products, and are shure it is the right decision if you value uncompromising sonic performance of your instrument. Delano products combine highest quality materials with an experience in building pickups and electronic circuits for musical instruments of over 30 years. As a result you receive a fine piece of craftmanship containing oustanding features and modern improvements developed and manufactured by our small team of experts. As an owner of a Delano product you can be self-assured in the knowledge that you have the finest available.
This small brochure contains all required information for the installation of the enclosed Delano product, so please read the following instructions carefully. If you need more information please contact your authorized Delano dealer or get in touch with us directly.

Delano Pickup Systems, November 2011

Reinhard Jedamzik

Your notes:

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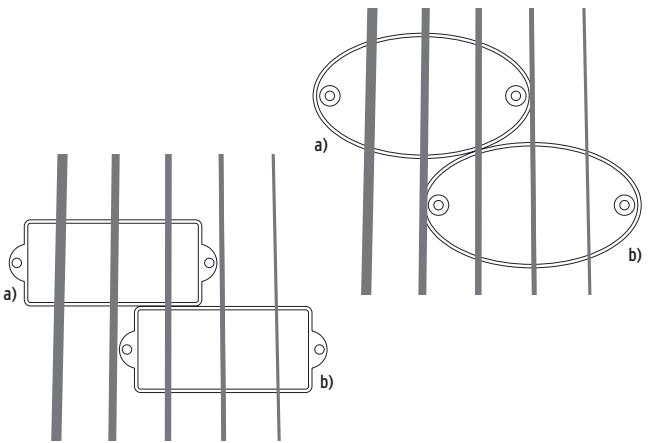
Pickup mounting

for DELANO PC series pickups and DELANO The Xtender D series pickups

Mounting of Delano two-section pickups

4-string bass: Every section is centered under the outer 2 strings.
- section a) is centered under the E-A strings
- section b) is centered under the D-G strings

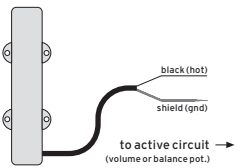
5-string bass: Every section is centered under the outer 3 strings.
- section a) is centered under the B-E-A strings
- section b) is centered under the A-D-G strings



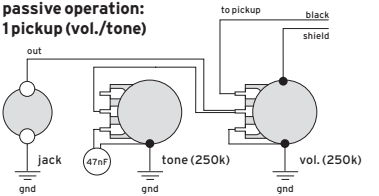
shielded 1-conductor cable wiring

for DELANO shielded 1-conductor wired pickups
The colors of DELANO wires are: black = hot, shielding = gnd

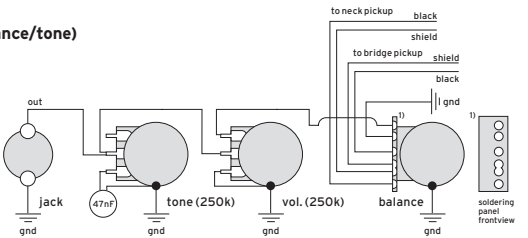
active operation:



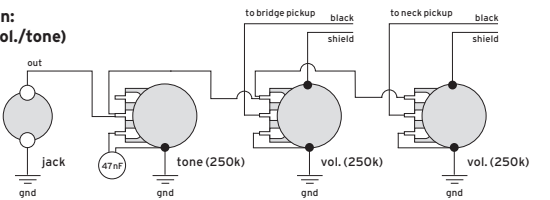
passive operation:
1 pickup (vol./tone)



passive operation:
2 pickups (vol./balance/tone)



passive operation:
2 pickups (vol./vol./tone)



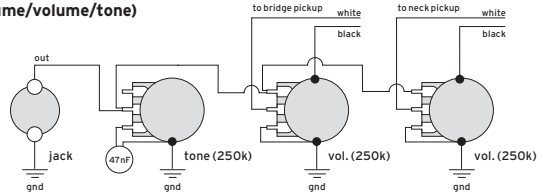
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2-conductor cable wiring

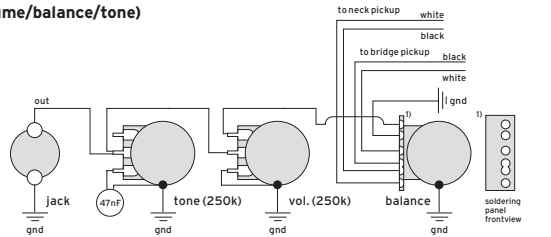
for DELANO 2-conductor wired vintage pickups in passive operation

The colors of DELANO wires are: white = hot, black = gnd

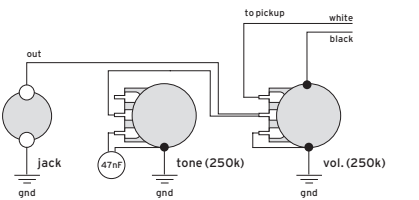
2 pickups (volume/volume/tone)



2 pickups (volume/balance/tone)



1 pickup (volume/tone)



4-conductor cable wiring

for DELANO 4-conductor wired pickups

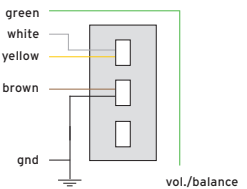
The colors of DELANO wires are: white, green, brown, yellow, ground (gnd)
(These diagrams do NOT provide "TheHybrid" pickup installation)

series / single coil*

mini toggle switch (on/on)

series:
green = hot out
brown = gnd
white, yellow (connect)

single coil:
green = hot out
white, brown, yellow = gnd



*) This diagram causes **series/P-bass® type (cross coils in series)** switching with **SBC HE/S-4 type pickups**.

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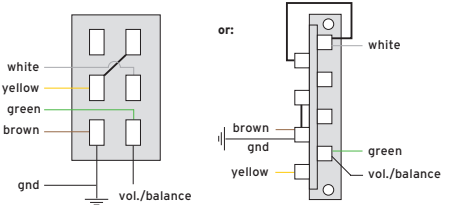
series / single coil / parallel*

mini toggle switch (on/on/on)

series:
green = hot out
brown = gnd
white, yellow (connect)

single coil:
green = hot out
white, brown, yellow = gnd

parallel:
white, green = hot out
brown, yellow = gnd



*) This diagram causes **series/P-bass® type (cross coils in series)/parallel** switching with **SBC HE/S-4 type pickups**.

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4-conductor cable wiring

for DELANO 4-conductor wired pickups

The colors of DELANO wires are: white, green, brown, yellow, ground (gnd)
(These diagrams do NOT provide "TheHybrid" pickup installation)

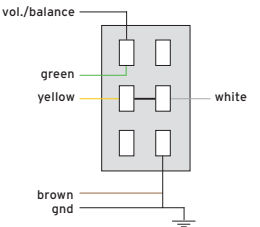
single coil (rear coil) / series / single coil (front coil)*

mini toggle switch (on/on/on)

single coil (front):
white = hot out
brown = gnd
green, yellow (connect)

single coil (rear):
green = hot out
white, brown, yellow = gnd

series:
green = hot out
brown = gnd
white, yellow (connect)



*) This diagram causes **P-bass® type (cross coils in series)/series/reversed P-bass® type (cross coils in series)** switching with **SBC HE/S-4 type pickups**.

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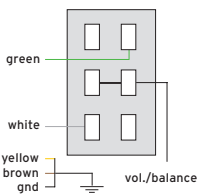
single coil (rear coil) / parallel / single coil (front coil)*

mini toggle switch (on/on/on)

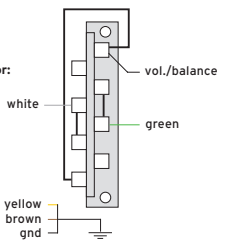
single coil (front):
white = hot out
green, brown, yellow = gnd

single coil (rear):
green = hot out
white, brown, yellow = gnd

parallel:
white, green = hot out
brown, yellow = gnd



or:



*) This diagram causes **P-bass® type (cross coils in series)/parallel/reversed P-bass® type (cross coils in series)** switching with **SBC HE/S-4 type pickups**.

DELANO© THE HYBRID SERIES

An uncompromising pickup that combines in one single construction the two most legendary sounds in bass history!

Part 1: J-Bass™
Single coil bridge pickup with the immortal characteristics of early 60's pickups. AlNiCo 5 magnet coil body made of vulcanized fiber and gauge 42 wire.

Part 2: Sting Ray™ Humbucker
Low resistance neck coil with 9.5 millimeter AlNiCo 5 magnets. Authentic sound guaranteed in this setting too, thanks to the special engineered bridge J-coil: the second MM™-coil is integrated inside.

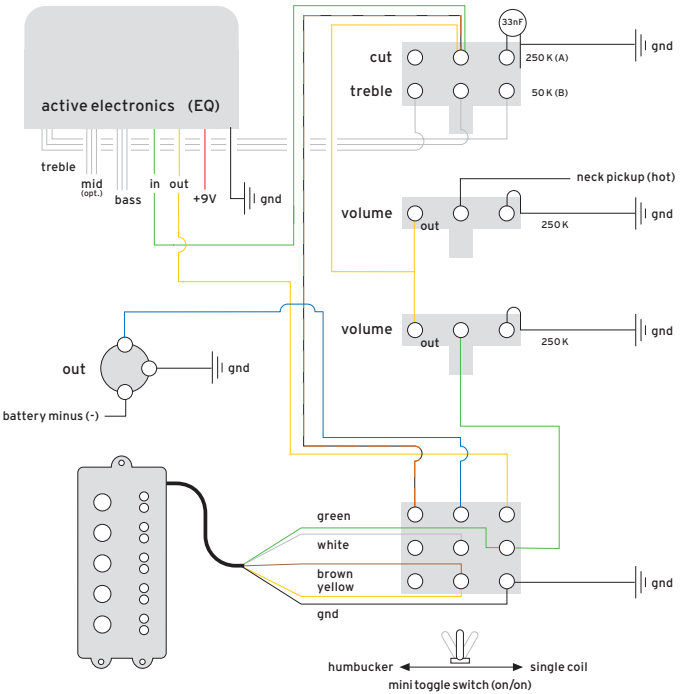
Switching concept:
The integrated switch manager lets you get both of these great classic sounds at the touch of a toggle, each one reconstructed exactly in its original form with all its strengths and nuances of character: Passive function in single-coil mode, active function with the DELANO BED 2- or 3-band EQ activated in Humbucker mode. The internal switching of the pickup is lightning fast, too!
For maximum sound authenticity we recommend the custom neck version of our J™-single coil JC4AL/H or JC5AL/H for the neck position. With both pickups switched on, this JJ-arrangement typically produces a noise-free output.

No trouble with treble:
The 'Hybrid' set includes a specially designed treble pot that works as a typical passive tone control for the J™-sounds in the passive mode and doubles as the active treble EQ in the Sting Ray™ setting. The neutral setting is located conveniently in the middle position; when switching, it's easy to get the basic settings you need.

Additional features:
In the humbucking mode – we call it 'Ray' mode – you're able to combine the hybrid pickup with the neck pickup, too. This is an additional feature. But take note, that use of the neckside single coil pickup typically causes hum, if driven with the active electronis. To achive an authentic 'Ray' sound, you should turn the balance knob fully backwards – and so your bass is hum-free.

"The Hybrid" Series wiring

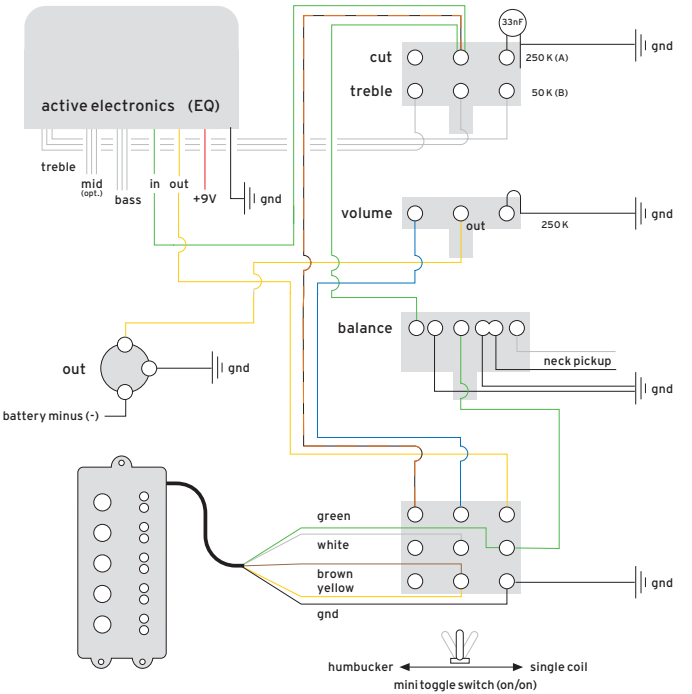
for 2 pickups, & 2 volume pots



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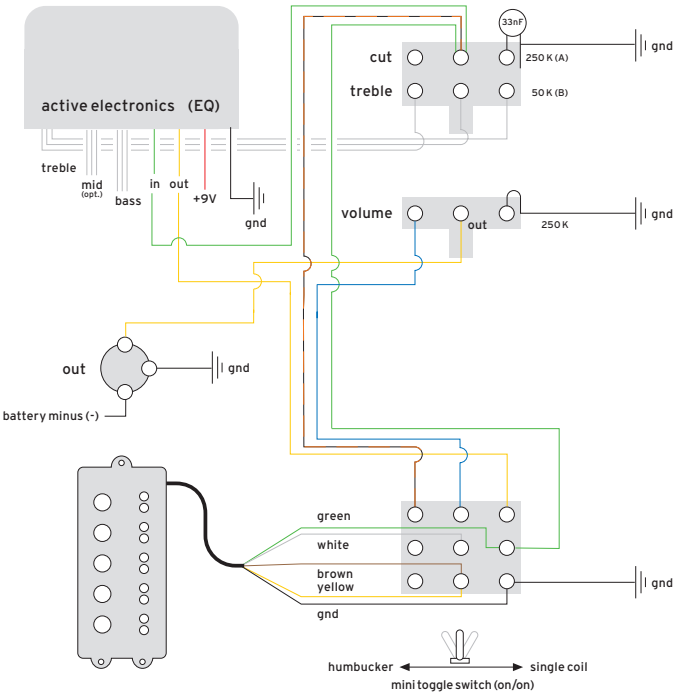
"The Hybrid" Series wiring

for 2 pickups, balance- & volume pot



"The Hybrid" Series wiring

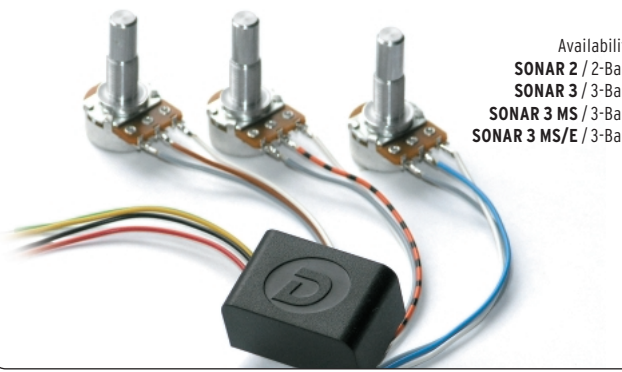
for 1 pickup, & volume pot



DELANO© SONAR SERIES

Scaling new heights in perfecting the tonal capabilities of magnetic pickups, the Delano Sonar bass preamp series is designed for just one purpose: Making a good tone even better.

As an integral part of any active bass guitar, an active EQ has to fulfill countless requirements regarding strength and clarity in tone, power consumption and installation. To meet this challenge perfectly, the time has come for a new onboard preamp: Sonar. This smart powerhouse delivers the real thing: rocksteady bottom, cutting midrange and naturally brilliant high end. Whether adapting its tone to match the surrounding acoustics, enhancing versatility or increasing your musical expression, this preamp always feels like a natural extension, preserving all the benefits of passive operation: uncoloured, true and focused sound. Comparing the flat-set sound to bypassed full passive action you´ll detect no difference. Matchless. And with its perfectly matched band-pass filters and separated amplifier stages, adjustments stay predictable at any time without overpowering tone.
The Delano Sonar onboard preamp is housed in a sealed slim-box, which provides easy, space-saving installation and secure insulation to other electrical components. Its minimal power consumption lets you forget where your battery-box is - make a guess?

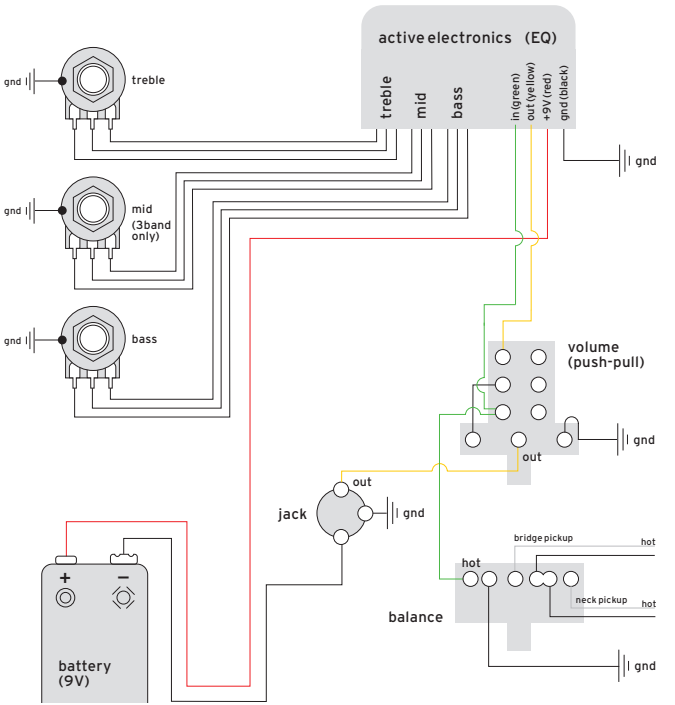


Availability:
SONAR 2 / 2-Band
SONAR 3 / 3-Band
SONAR 3 MS / 3-Band
SONAR 3 MS/E / 3-Band

active electronics wiring

for SONAR 2 & 3 band EQ

We highly recommend a proper grounding and shielding of the electronics compartment with DELANO copper foil.

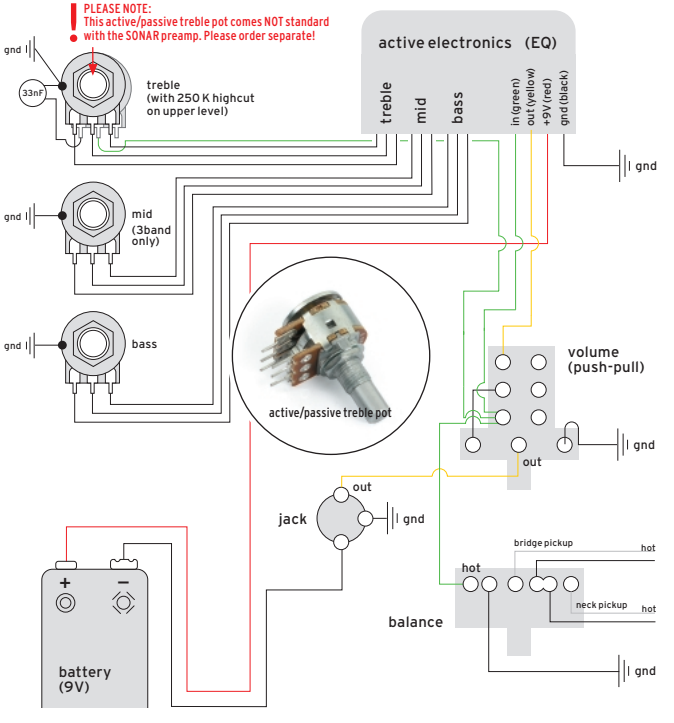


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active electronics wiring

for SONAR 2 & 3 band EQ with passive highcut

We highly recommend a proper grounding and shielding of the electronics compartment with DELANO copper foil.



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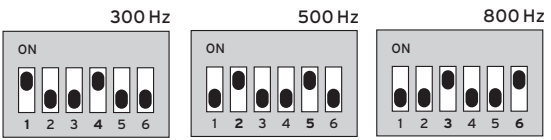
active electronics switching

for SONAR 3 MS & SONAR 3 MS/E EQs

The SONAR 3 MS and 3 MS/E 3band EQs offer the great advantage of selecting different mid frequencies.
SONAR 3 MS = mid selection onboard, SONAR 3 MS/E = mid selection with three-position toggle switch

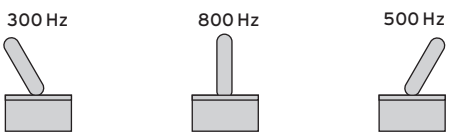
SONAR 3 MS

Select mid frequencies onboard as follows:



SONAR 3 MS/E

Select mid frequencies with three-position toggle switch as follows:









The crossed out dustbin implies, that all products that are subject to the ElektroG may not be disposed in the domestic waste at the end of it´s working life. It must be taken to a special local authority waste collector differentiated waste collection center. The avoidance and recycling of waste products saves materials, as does the purposeful economical handling of raw materials.
Delano products are registered under WEEE No. DE 58703363

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- Musicman, Stingray, MM pickup, B 00 series is a registered trademark of Ernie Ball, Inc.

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