supreme soaker
analog dynamic tube amp hub

Palmer®
be true to your sound
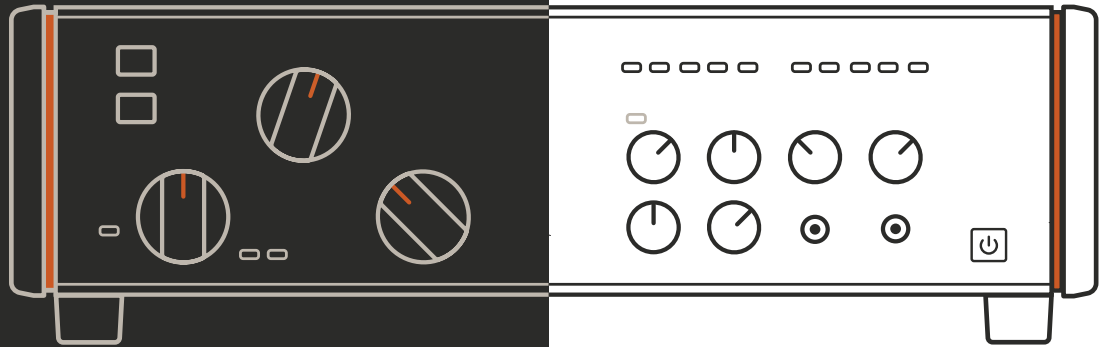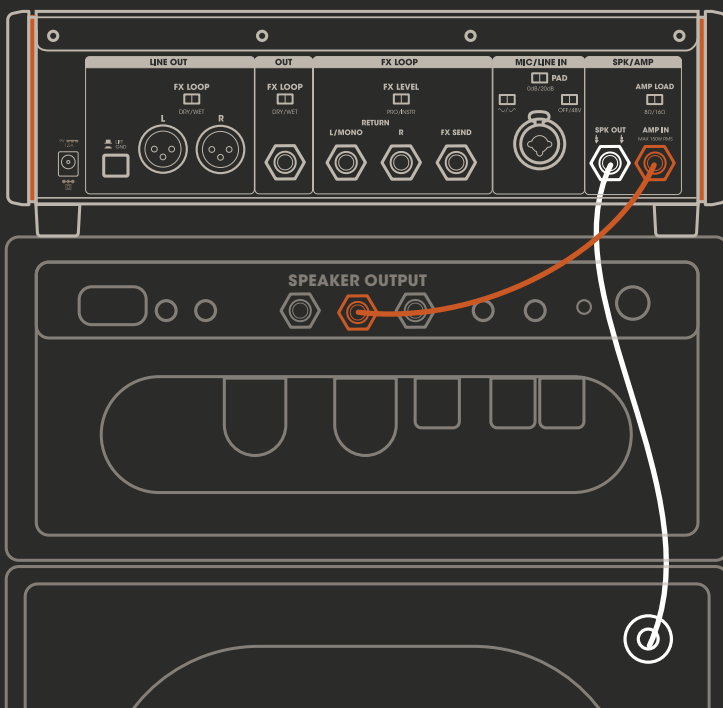
QUICK START GUIDE

SETUP

1. Make sure your tube amp is switched off

2. Cable up your amp and speaker with the Supreme Soaker

LINE OUT   OUT   FX LOOP   MIC/LINE IN   SPK/AMP

FX LOOP   DRY/WET
L   R
FX LOOP   DRY/WET
FX LEVEL   PRO/INSTT
RETURN
L/MONO   R   FX SEND
PAD   0dB/20dB
OFF/48V
AMP LOAD   8Ω/16Ω
SPK OUT   AMP IN   MAX 100W RMS

SPEAKER OUTPUT

3. Set the Supreme Soaker's impedance switch to match your amp's output impedance

4. Connect the Supreme Soaker's power supply and turn it on, then turn on your amp

5. PLAY AND ENJOY

Analog Speaker Simulation on your Line Out as well as Headphone Out.
This emulates the tone of a guitar loudspeaker by applying analog filters.

LINE EQ
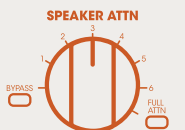LIVERPOOL   HAMBURG
MEMPHIS   NASHVILLE
BYPASS   HELSINKI

Change the tone of your loudspeaker in the room.
The Speaker Tone knob changes the impedance curve that your amplifier "sees", allowing you to choose different sound options.

SPEAKER TONE
JIMI   DAVID
JENNIFER   GEORGE
BYPASS   ERIC

Attenuate your tube amp and play at any volume where it sounds best without losing its dynamics.
For silent operation, turn to "full attenuation" and dial your amp right to the tonal sweet spot.
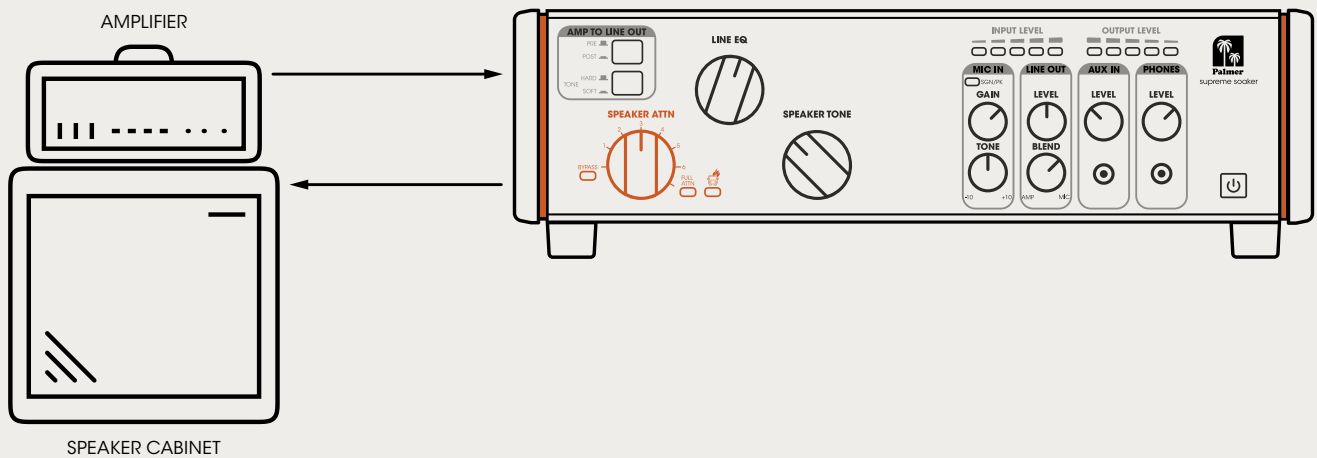
SPEAKER ATTN
2   3   4
1   5
BYPASS   6
FULL ATTN

THANK YOU FOR BUYING THE SUPREME SOAKER.
As you get to know your Supreme Soaker more, you'll start to realise in how many areas it can become an indispensable tool in your music making and creative endeavours. If you need further help and explanation, be sure to check the manual by scanning this QR code.
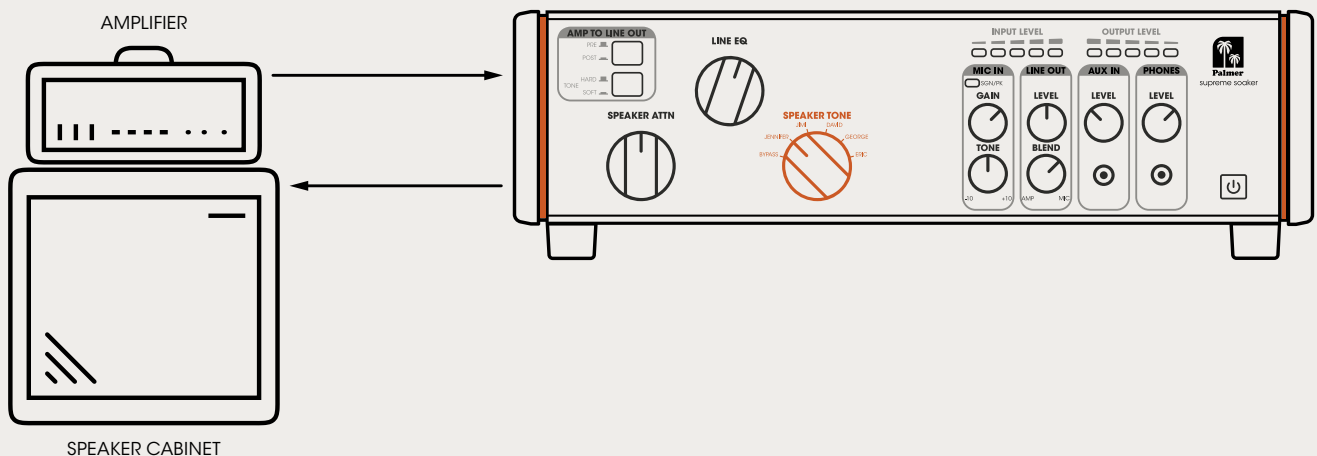
ATTENUATION

Reduce the power delivered from your tube amp to your speaker to play the amp in the range where it sounds best without losing dynamics. For silent use, set the control to **FULL ATTN**. The Supreme Soaker delivers a continuous load to your amplifier at any attenuation level – even when you are not using the attenuation feature.
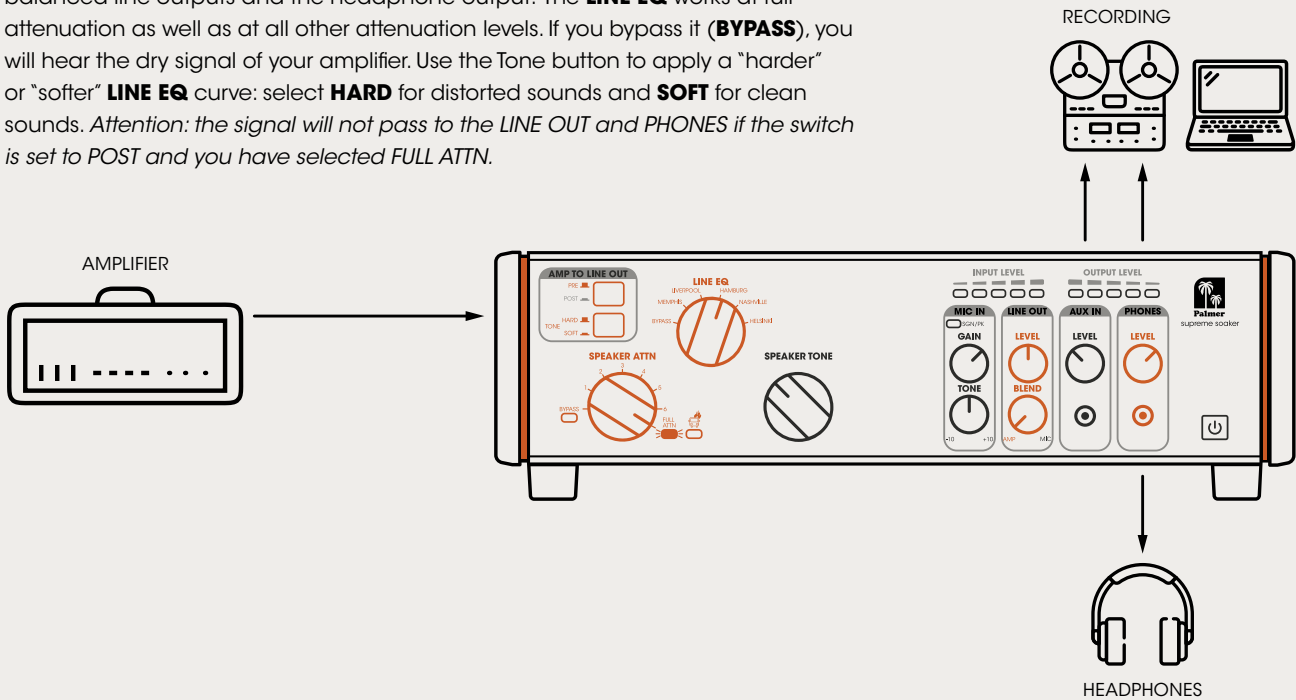
AMPLIFIER

SPEAKER CABINET

SPEAKER TONE CHANGE

This knob controls interactions between your amplifier and your speaker. Using **SPEAKER TONE** changes the impedance curve that your amplifier "sees", allowing your speaker to produce different sound variations.
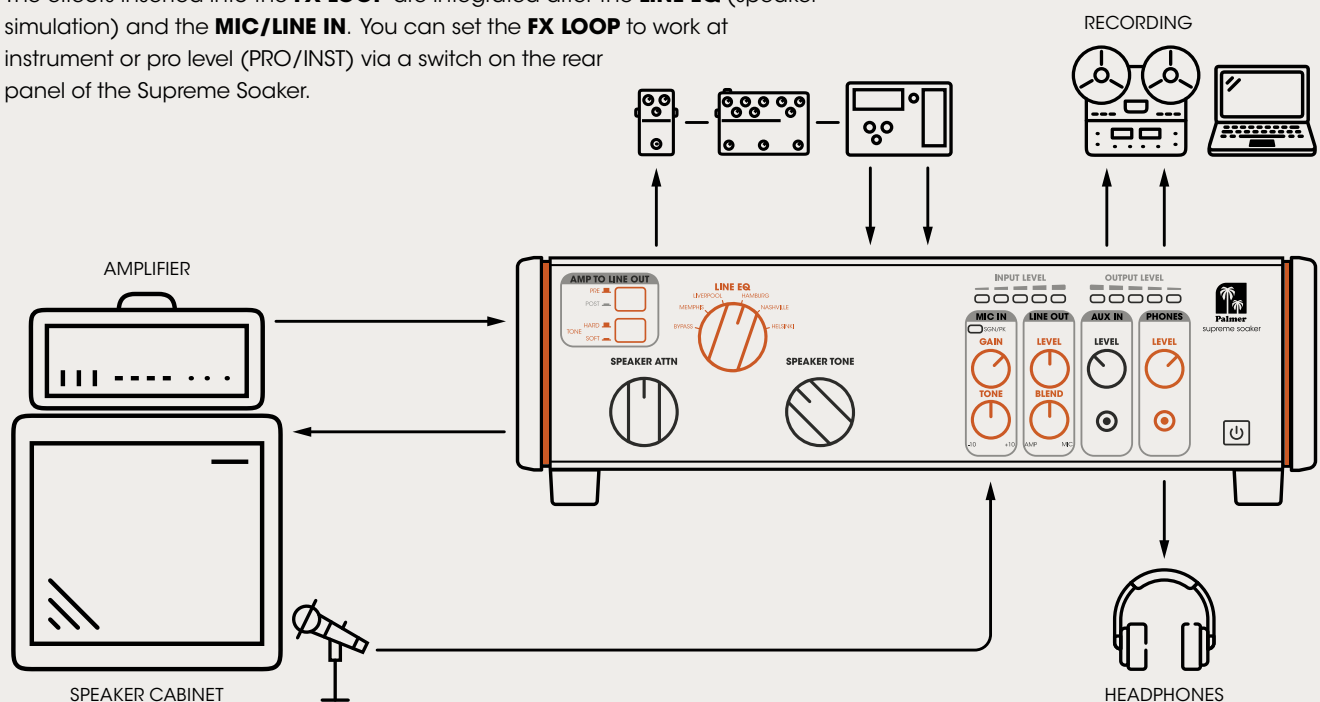
AMPLIFIER

SPEAKER CABINET

SPEAKER SIMULATION (LINE EQ)

Activate an analogue **LINE EQ** – also known as speaker simulation - on the balanced line outputs and the headphone output. The **LINE EQ** works at full attenuation as well as at all other attenuation levels. If you bypass it (**BYPASS**), you will hear the dry signal of your amplifier. Use the Tone button to apply a "harder" or "softer" **LINE EQ** curve: select **HARD** for distorted sounds and **SOFT** for clean sounds. *Attention: the signal will not pass to the LINE OUT and PHONES if the switch is set to POST and you have selected FULL ATTN.*

RECORDING

AMPLIFIER

HEADPHONES

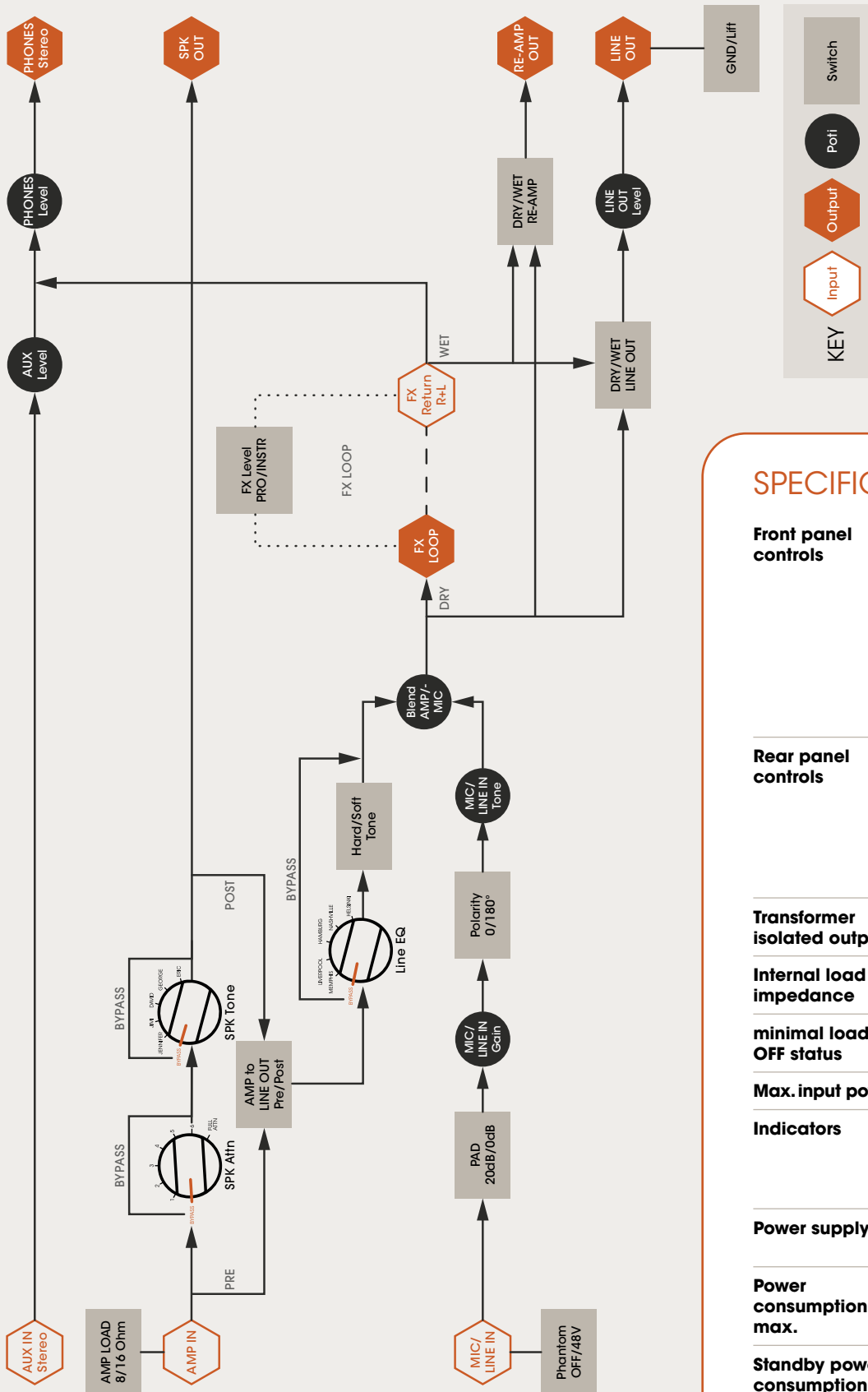# INSERTING YOUR STEREO EFFECTS

Integrate your favourite effects pedals into the serial **FX LOOP**.
The effects inserted into the **FX LOOP** are integrated after the **LINE EQ** (speaker simulation) and the **MIC/LINE IN**. You can set the **FX LOOP** to work at instrument or pro level (PRO/INST) via a switch on the rear panel of the Supreme Soaker.

RECORDING

AMPLIFIER

SPEAKER CABINET

HEADPHONES

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Adam Hall GmbH
Adam-Hall-Str. 1
61267 Neu-Anspach
Telefon: +49 6081 9419-0
Fax: +49 6081 9419-1000
Mail: info@adamhall.com

palmer-germany.com

SIGNAL FLOW CHART

KEY

- Switch
- Poti
- Output
- Input

Signal flow chart elements:
PHONES Stereo — PHONES Level — AUX Level
SPK OUT
RE-AMP OUT — DRY/WET RE-AMP
LINE OUT — LINE OUT Level — GND/Lift
FX Return R+L — FX LOOP — FX Level PRO/INSTR — FX LOOP
WET — DRY — DRY/WET LINE OUT
Blend AMP/-MIC
MIC/LINE IN Tone
Hard/Soft Tone
Line EQ (JENNINGS / DAVID / GEORGE / ERIC / BYPASS; LIVERPOOL / HAMBURG / MEMPHIS / NASHVILLE / BRIGHTON)
SPK Tone
Polarity 0/180°
AMP to LINE OUT Pre/Post
SPK Attn (1/2/3/4/FULL ATTN/BYPASS)
MIC/LINE IN Gain
PAD 20dB/0dB
POST / BYPASS / PRE
AUX IN Stereo
AMP LOAD 8/16 Ohm
AMP IN
MIC/LINE IN
Phantom OFF/48V

SPECIFICATIONS

Front panel controls	7-Step Speaker Attenuation, Line EQ (5 voicings), Speaker Tone (5 voicings), MIC gain, MIC Tone, Line Out Level, Line Out Blend, Aux In Level, Phone Level, Pre/Post Switch (Amp to Line Out), Hard/Soft Tone Selector
Rear panel controls	Amp Load Impedance Switch, MIC/LINE Input PAD, Phantom power, Polarity, FX Level (Pro/Instrument), FX Loop Re-Amp, FX Loop Line Out, GND/Lift
Transformer isolated outputs	yes
Internal load impedance	8Ω, 16Ω
minimal load in OFF status	16Ω
Max. input power	150W
Indicators	input level, output level; MIC signal/clip, attenuator: bypass, full attenuation, overheating
Power supply	9V DC barrel jack, 1.5A, center negative
Power consumption max.	13.5W
Standby power consumption	0.3W
Dimension	334 x 108 x 274 mm
Weight	6.6 kg