

GOLD SERIES

HAND SELECTED PREAMP TUBES

The Groove Tubes Gold Series preamp tubes are the "Cream of the Crop"; carefully selected for use in the first stages of today's higher gain amps. We reject tubes with high hum and noise levels, low Gain or Transconductance, and/or adverse microphonics. Because preamp tubes are "dual triodes", we must test both triodes of the tube separately, and then in combination. We measure for hum and noise, then listen to them while tapping by hand to notice adverse ring or squeal. **Less than half of the 500,000 preamp tubes we process each year become "GT Gold Series"!** About 15% are simply unusable in music amps, so we toss those out altogether. The remaining tubes are still suitable for some lower gain stages of most amps, so these become GT Silver Series tubes which are sold for much less. **Rule of thumb: use our premium GT Gold Series for the most critical gain stages, and GT Silver Series for less critical stages.**

GT-12AX7-M - GT Exclusive Design 26.
Classic Mullard recreation, high gain, the ultimate upgrade with bell like vintage tone as found in 60's era Marshall and Vox amps, our very best preamp tube.

GT-5751M - GT Exclusive (12AX7 type) 26.
Low gain variation of the 12AX7M, designed to "tame" a higher gain amp, reduce feedback and work the power tubes harder for earlier distortion. Mod a modern amp back to "vintage" tone, perfect for amps like Fender Hot Rod Deluxe. Same great tone as it's 12AX7M sister, a great choice for the factory amps designed around darker, lower gain 12AX7R tubes.

GT-12AX7-C 22.
Chinese origin with warm tone, medium gain, our very best value. Popular for upgrading stock "R" tubes in factory amps, adds warmth and gain. You may need to reset your controls in higher gain amps, but you'll love their fat warm vintage tone!

GT-12AX7-R 24.
Russian origin with low gain and darker tone (a bit harsh). The standard OEM tube for many factory amps.

GT-12AX7-R2 28.
The 2nd Russian version with medium gain and a larger plate structure, also a brighter tone.

GT-12AX7-R3 28.
The 3rd Russian version with a short plate and even tone. Medium gain with improved noise and hum levels.

GT-ECC83S (12AX7 type) 28.
Slovakian origin, highest gain 12AX7 type made today, also has a brighter tone. Great for more gain and bite in any amp, but can be "too hot" for some higher gain amps.

GT-12AT7 20.
Used for the final stage in preamp signal chain to "drive" power tubes (aka: phase inverter). This tube is considered part of the power section and should be changed along with new power tubes to get the most out of your tube amp power section.

GT-12AU7 20.
Used mostly for last stage in preamp to "drive" power tubes, should be changed along with power tubes.

GT-12AY7 32.
A low gain tube, similar to 12AX7, used in vintage amps of the 50's.

RECTIFIER TUBES

Not in the audio path, but converts AC to DC supply voltages for the audio path signal tubes like 6L6.

GT-5AR4R (aka GZ34) 30.
GT-5U4R (aka GZ32) 30.
GT-5U4-C (aka GZ32) Toller, won't fit some amps 20.
GT-5Y3R (aka GZ34) 28.
GT-6CA4R (aka EZ81) 35.
GT-SS-5AR4/GZ34 (solid-state substitute) 20.
GT-SS-6CA4 (solid-state substitute) 20.
GT-SS-5U4 (solid-state substitute) 20.

PERFORMANCE MATCHED POWER TUBE SETS

GT's exclusive Performance Matched #1 to #10 matching system remains the only meaningful way to match tubes and improve the tone, balance and sustain of your amp, using real-amp test conditions to measure and match power tube characteristics.

The GT 1-10 Gain-Distortion matching options:

Early distortion sets (1-3): tame a loud amp down for use in smaller rooms or recording.

Normal sets (4-7): typical distortion levels.

Late distortion sets (8-10): cleaner, more headroom.

Duet/Quartet 40./80.

GT-6X6C
Chinese version with warm vintage tone, improved reliability and a good choice for a classic 6V6 amp.

GT-6V6R 50./100.

Russian OEM favorite (factory tube in many Fender/Marshall amps) with medium power, but as with most Russian tubes a bit dark sounding.

GT-6V6S 76./146.
Slovakian origin, highest power type with bright, strong tone, more like a 6L6 with less distortion.

GT-6L6R 60./120.
Russian origin, an OEM favorite with medium power and a slightly harsh and darker tone.

GT-6L6GHP - GT Exclusive Design 60./120.

Exclusive new GT design made in China using GT USA made components. RCA style Carburized Black Plate material, and proprietary "Heat Sink" plate design improve dynamics and bass response. Highly recommended upgrade over the common "R" types found in stock Fender and Marshall amps. Warm, fat tone similar to NOS vintage RCA Black Plate 6L6s.

GT-5881-C (6L6 Type) - GT Exclusive 60./120.

Exclusive new GT 6L6 short bottle design made in China using some GT developed USA made components. This compact 6L6 tube was used in Fender's early 60's Bassman amps and has a fat vintage tone with a smooth creamy distortion character. Highly recommended upgrade over harsher sounding "R" types found in most factory Fender and Marshall amps.

GT-6L6GE - GT Exclusive Design 70./140.

Exclusive GT design is an exact replica of the tube used by Fender from the mid 50's to late 60's. High (70%) USA content made from original GE materials to original GE design formulas. Balance of components and assembly in our partnered Chinese factory. Ultimate upgrade tube with high power, and big fat classic 60's Fender tone, from Hendrix to Burton, this is the ultimate sound for Rock or Blues!

GT-6L6S 90./180.
Slovakian high powered type with dynamic, clean tone. Perfect for adding clarity and power to most any amp.

GT-KT66C 100./200.
Chinese large bottle 6L6 equivalent, inspired by 60's era British tube, adds a nice British tone.

GT-EL34R 60./120.
Russian origin, an OEM favorite with low to medium power and a slightly harsh and darker tone.

GT-E34LS - GT Exclusive Design 70./140.

Highest powered EL34 type made in Slovakia with GT's proprietary "Heat Sinks". Upgrades power, dynamics and bass response over "R" type tubes.

GT-EL34M - GT Exclusive Design 52./104.

GT design is an exact replica of the original UK made Mullard tube used by Marshall amps of the 60's. We make this tube in China using some GT developed USA components including special 3-ply plate material to recreate this legendary tube that defines British Rock tone. Our ultimate EL34 type.

GT-6CA7GE (EL34 Type) - GT Exclusive 70./140.

GT's USA designed EL34 replacement tube is an exact replica of the legendary GE tube as used in early Musicman amps (Leo Fender's 2nd company), and favorite of EVH in his Marshall amps. High power, clean tone, with a strong midrange overdrive tone recommended for Metal or Rock.

GT-6550C 120./240.
Chinese origin, high power, warm vintage tone.

POWER TUBE SETS continued...

GT-KT88SV - GT Exclusive Design 180./360.

GT high powered made for GT in Slovakia with GT's proprietary "Heat Sinks" that improve dynamics and bass response.

GT-6550R 120./240.

Russian origin, medium power with darker tone.

GT-KT88C2 120./240.

2nd version of Chinese origin, high power, warm vintage tone.

GT-EL84R 30./60.

Russian OEM factory stock tube in newer amps. Medium power, a bit harsh and dark sounding.

GT-EL84S 50./100.

Slovakian origin, highest power, with brighter tone.

GT-7027S 100./200.

Slovakian origin, highest power, with brighter tone.

GT-7591R 100./200.

Russian origin, medium power, your only choice!

SILVER SERIES

Single Preamp and Power Tubes

Suitable for lower gain circuit applications and priced much less than our premium Gold Series tubes.

ST-12AX7C 12.

ST-12AX7M 14.

ST-12AX7R 12.

ST-ECC83S 12.

ST-6V6C 12.

ST-6L6GHP 20.

ST-6L6R 18.

ST-E34LS 20.

ST-6550C 24.

ST-EL84R 20.

Special Application Products

GT928PR Duet/120. Quartet/240.

GT's Exclusive Power Reducer converts any 6V6/6L6/EL34 amp to lower power EL84 tube, also converts amp to Class A for further power reduction. Does not require rebias; just plug and play! Perfect for recording or using larger amps in smaller venues. Includes set of tubes.

SAG-MHG Marshall High Gain Kit 100.

3 selected preamp tubes to "Gain mod" amps.

SAG-FHG Fender High Gain 100.

3 selected preamp tubes to "Gain mod" amps.

SAG-FST Fender Soft Touch 100.

3 selected preamp tubes to "Gain mod" amps.

SAG-AXT-MPI Matched Phase Inverter 30.

SAG-AT7-MPI Matched Phase Inverter 30.

Substi-TUBE-1 converts 6SL7 to 12AX7 40.

Substi-TUBE-1A converts 6SN7 to 12AT7 40.

Substi-TUBE-2 converts 6SC7 to 12AX7 40.

Substi-TUBE-3 converts 6SJ7 to 12AX7 40.

SBT-928 converts 9 pin tubes to 8 pin 40.

PS-9 9 pin straightener 15.

PS-79 7 and 9 pin straightener 20.

Bias Tool with Manual 85.

Bias Tool Kit Manual and DVM 125.

Bias Tool 9-pin adapter 35.

POWER PICK-Small elec-guitar and mando 12.

Clamps on any pick to boost string volume up to 5dB and fatten tone. Adjustable, includes Medium pick.

POWER PICK-Large acous-guitar and bass 12.

Clamps on any pick to boost string volume up to 5dB and fatten tone. Adjustable, includes Medium pick.

FATFINGER GUITAR 30.

Clamps on guitar headstocks to add sustain and boost volume, fattens tone of any stringed instrument.

FATFINGER BASS 40.

Clamps on bass guitar headstocks to add sustain and boost volume, fattens tone of any stringed instrument.

THE TUBE AMP BOOK by Aspen Pittman 50.

New Deluxe Revised 2nd Edition, large format color encyclopedia of tube amps, vintage to modern. Includes company profiles, 100's of color pictures, dozens of technical articles and amp modifications. In depth technical section on amp circuitry with over 800 schematics on a CD!

CHOOSING & USING MICROPHONES by Pittman 6.

Guide to mics and their recording applications.

CHOOSING & USING TUBES by Aspen Pittman 6.

Guide to choices of tubes and amp applications.

GT ROADIE T-SHIRT (most sizes) 15.

GROOVE TUBES LAPEL PIN a real mini tube! 8.

18" Groove Tube (some inflation required) 20.