

The image features a dark, starry background. At the top left is a large, stylized 'Q' logo. To its right, the word 'QUANTUM' is written in a bold, metallic, sans-serif font, with 'BASS TECHNOLOGY' in a smaller font below it. The background is a close-up of a speaker driver, showing a textured, greyish-brown cone and two sets of vertical, ribbed surrounds. The lighting is dramatic, with a bright spot on the left side of the cone.

Q **QUANTUM**[™]
BASS TECHNOLOGY

Q **QUANTUM**
BASS TECHNOLOGY

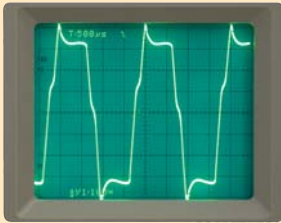
**BASS
COMBOS
QUICK
GUIDE**

WWW.QUANTUM-AMPS.COM

QUANTUM™ TECHNOLOGIES

DYNAVALVE™ POWERAMP

- True tube power amp architecture combined with solid state reliability.
- Delivers the rich sound and fat punch you're expecting from a traditional tube amp.



HIGH DEFINITION PREAMP

- *Tube Touch™* input stage for unsurpassed playing control and dynamics.
- *Pure Parallel EQ™* for crystal clear and effective soundshaping.
- *Tube Growl control* for natural tube saturation and compression effects.



ENHANCED HF NEODYME SPEAKERS

- Lightweight *Neodyme* magnet technology.
- Integrated HF-transducing system (*Dual Cone* on the 10" speakers/*DuraDome™* on the 12" and 15" speakers).



TUNED RESONANCE CABINET

- Lightweight and rugged *Okume*-plywood.
- Tuned mid range resonating for wide dispersion and definition on stage.



QUANTUM™ FEATURES

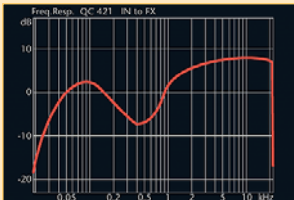
● TUBE TOUCH INPUT STAGE

- High definition input stage for active and passive basses



● PUNCH BUTTON

- Preshape switch for extra energy



● 4-BAND EQ

- Easy to operate highly effective parallel EQ



● TUBE GROWL

- Adds natural tube saturation and compression effects

● FX-LOOP

- Path for external FX-devices

● BALANCED D-OUT

● DYNAVALVE™ POWERAMP

- True tube power amp architecture combined with solid state reliability.
- Delivers the rich sound and fat punch you're expecting from a traditional tube amp.

*The Phasesplitter-Tube
in the Quantums
Dynavalve™ Circuitry*



● NEODYME SPEAKERS

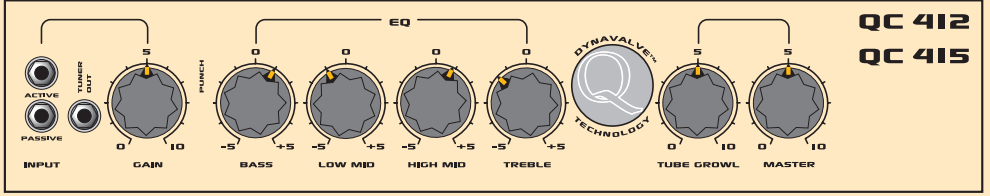
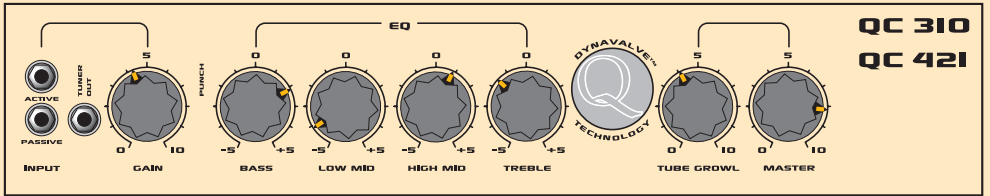
- Ultra efficient Neodymium technology
- Enhanced HF-range by dual cone or DuraDome™ technology

*Machined DuraDome™
HF-transducer under
the dust cap*

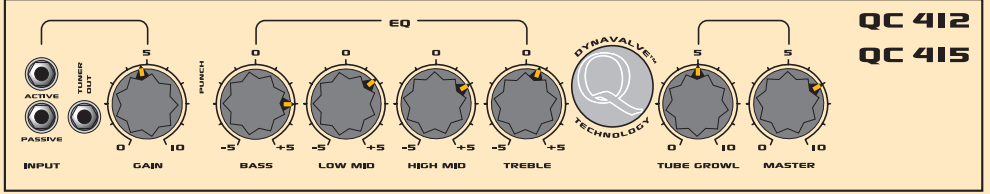
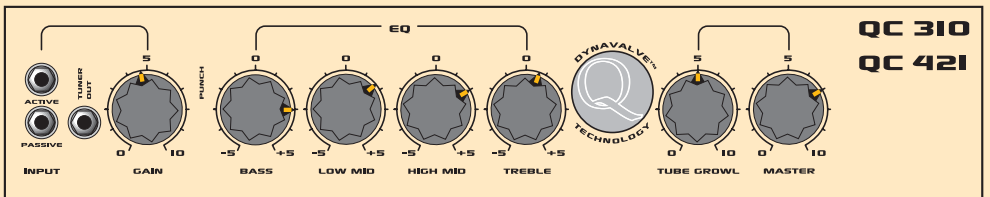


SUGGESTED SETTINGS

WALKING BASS



SIXTIES ROCK



SUGGESTED SETTINGS

METAL

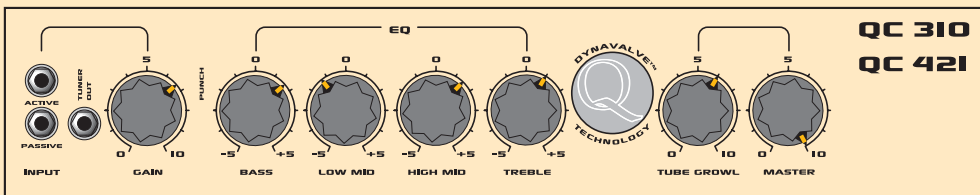


Diagram showing suggested EQ settings for Metal on QC 310 and QC 421. The settings are: INPUT (Active), GAIN (5), PUNCH (0), BASS (0), LOW MID (0), HIGH MID (0), TREBLE (0), DYNAVALVES TECHNOLOGY (0), TUBE GROWL (5), and MASTER (5).

QC 310
QC 421

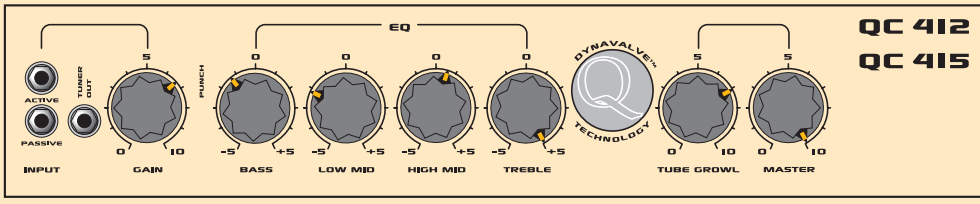


Diagram showing suggested EQ settings for Metal on QC 412 and QC 415. The settings are: INPUT (Active), GAIN (5), PUNCH (0), BASS (0), LOW MID (0), HIGH MID (0), TREBLE (0), DYNAVALVES TECHNOLOGY (0), TUBE GROWL (5), and MASTER (5).

QC 412
QC 415

MAINSTREAM ROCK

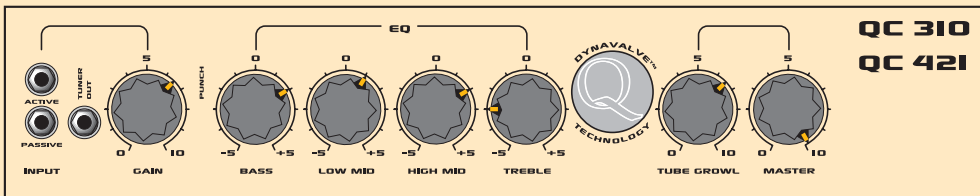


Diagram showing suggested EQ settings for Mainstream Rock on QC 310 and QC 421. The settings are: INPUT (Active), GAIN (5), PUNCH (0), BASS (0), LOW MID (0), HIGH MID (0), TREBLE (0), DYNAVALVES TECHNOLOGY (0), TUBE GROWL (5), and MASTER (5).

QC 310
QC 421

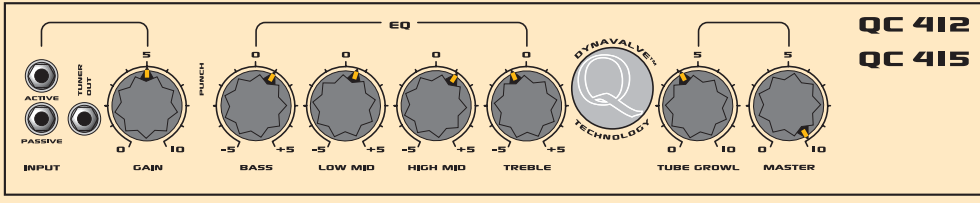
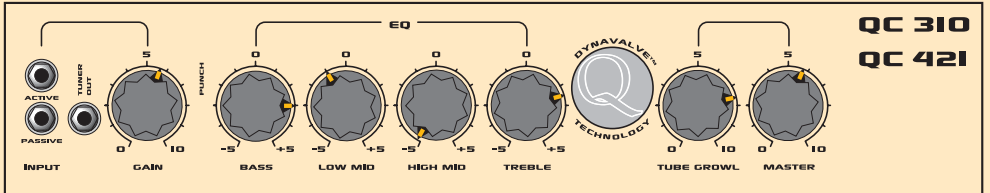


Diagram showing suggested EQ settings for Mainstream Rock on QC 412 and QC 415. The settings are: INPUT (Active), GAIN (5), PUNCH (0), BASS (0), LOW MID (0), HIGH MID (0), TREBLE (0), DYNAVALVES TECHNOLOGY (0), TUBE GROWL (5), and MASTER (5).

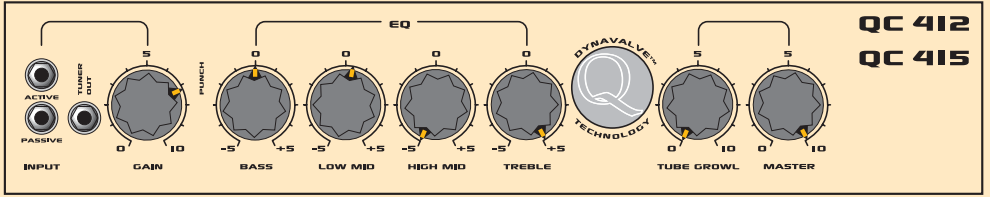
QC 412
QC 415

SUGGESTED SETTINGS

SLAP

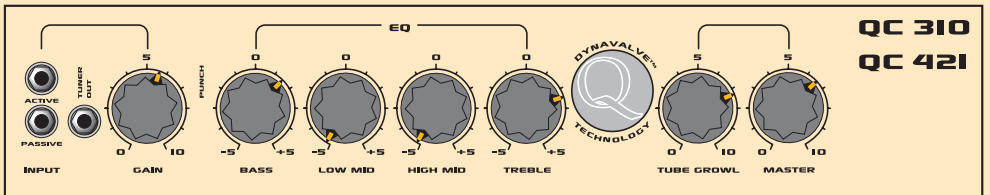


QC 310
QC 421

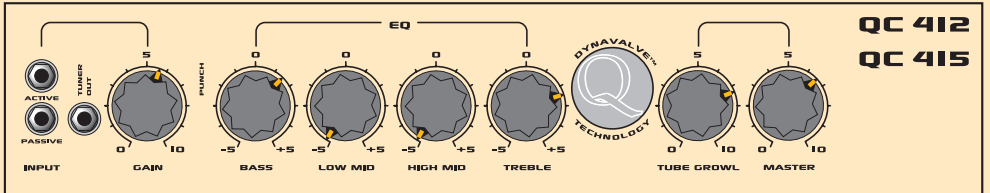


QC 412
QC 415

DANCEFLOOR



QC 310
QC 421



QC 412
QC 415

QUANTUM™

COMBOS

QC 310

250 W / 10" / 17.5 kg



QC 412

400 W / 12" / 19.5 kg



QC 415

400 W / 15" / 24 kg



QC 421

400 W / 2x 10" / 29 kg



TROLLEY

A foam padded Cordura® bag with castors and pull out handle is available as an optional accessory for all models.