



Controls:

- Neck volume:** 500k linear pot with Push/Push switch- neck humbucker coils in parallel or series mode.
- Bridge volume:** 500k linear pot with Push/Push switch- bridge humbucker coils in parallel or series mode.
- Neck tone:** 500k linear pot with Push/Push switch - two capacitors values for neck tone control.
- Bridge tone:** 500k linear pot with Push/Push switch - two capacitors values for bridge tone control
- 6 position switch:** single neck humbucker/neck and bridge humbucker/ bridge humbucker
single neck coil/ single neck and bridge coils/ single bridge coil

Options:

A. Neck + Bridge in series connection

1. Sounds full neck humbucker in series mode
2. Sounds full neck and bridge humbucker in series modes
3. Sounds full bridge humbucker in series mode
4. Sounds one coil of neck humbucker- split mode
5. Sounds one neck coil and one bridge coil side by side
6. Sounds one coil of bridge humbucker

B. Neck in parallel mode, bridge in series mode

1. Sounds full neck humbucker in parallel mode
2. Sounds full neck humbucker in parallel mode and full bridge humbucker in series mode
3. Sounds full bridge humbucker in series mode (the same as A3)
4. Sounds full neck humbucker in parallel mode (the same as B1)
5. Sounds full neck humbucker in parallel mode and single coil of bridge humbucker
6. Sounds single coil of bridge humbucker (the same as A6)

C. Neck in series mode, bridge in parallel mode

1. Sounds full neck humbucker in series mode (the same as A1)
2. Sounds full neck humbucker in series mode and full bridge humbucker in parallel mode.
3. Sounds full bridge humbucker in parallel mode
4. Sounds single coil of neck humbucker (the same as A4)
5. Sounds single coil of neck humbucker and full bridge humbucker in parallel mode.
6. Sounds full bridge humbucker in parallel mode (the same as C3)

D. Neck in parallel mode, bridge in parallel mode

1. or 4. Sounds full neck humbucker in parallel mode (the same as B1 and B4)
2. or 5. Sounds full neck humbucker and full bridge humbucker, both in parallel mode side by side.
3. or 6. Sounds full bridge humbucker in parallel mode (the same as C3 and C6)

There are 13 variable options to produce clear and full volume pickup sound.

There are independent tone and volume controls for each humbucker. Each tone control is fitted with a switch for two different tone screening (it would be provided with two capacitors which value would be chosen after assembly and guitar sound testing).

This means that as an addition to the 13 basic options, there can be set one of two tonal screen modes separately for each humbucker.

ZR Guitars - Scarab AL connection modes

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