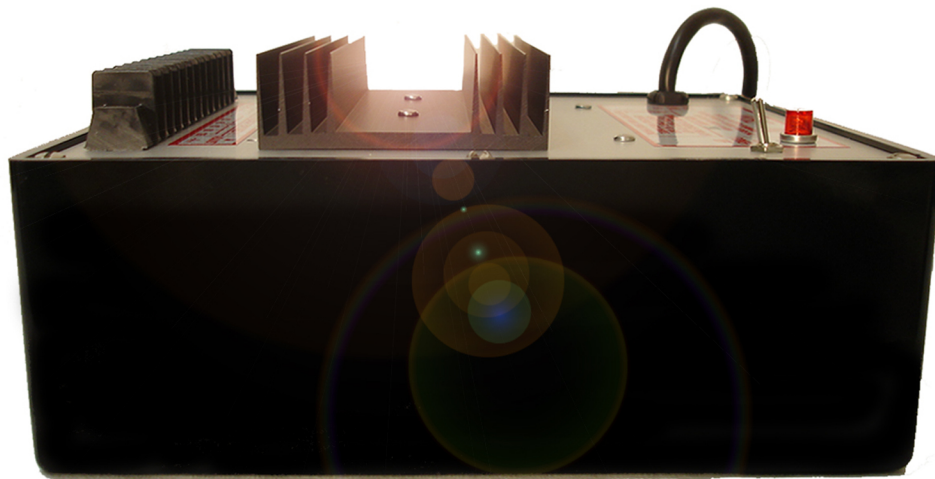


ARBE-III

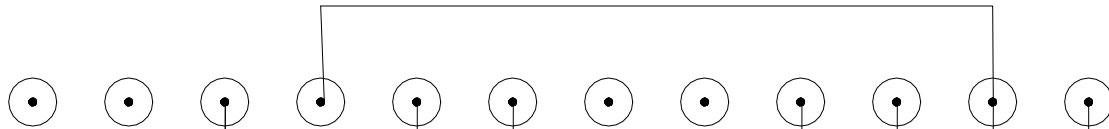
Universal Battery Eliminator

Connection Diagrams



ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



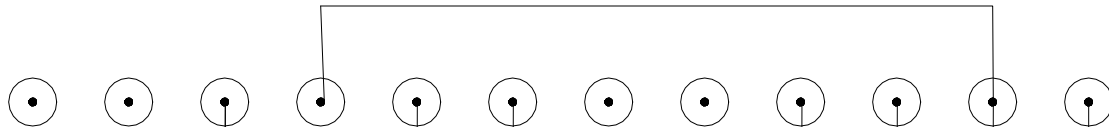
C- B- 22 90 135 A- A+

AC Dayton Model XL-20

Jumper C+ to A- on ARBE terminal strip
Adjust "A" supply to 6.2 VDC
Set up for use with 01A type tubes

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



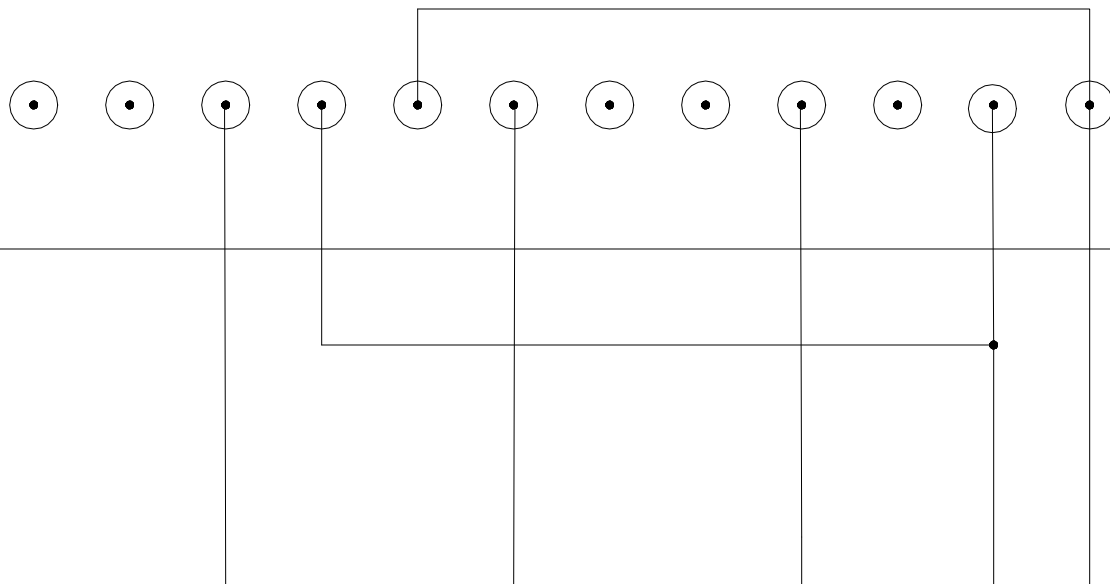
C- B- 22 90 135 A- A+

AC Dayton Model XL-30

Jumper C+ to A- on ARBE terminal strip
Adjust "A" supply to 6.2 VDC
Set up for use with 01A type tubes

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+

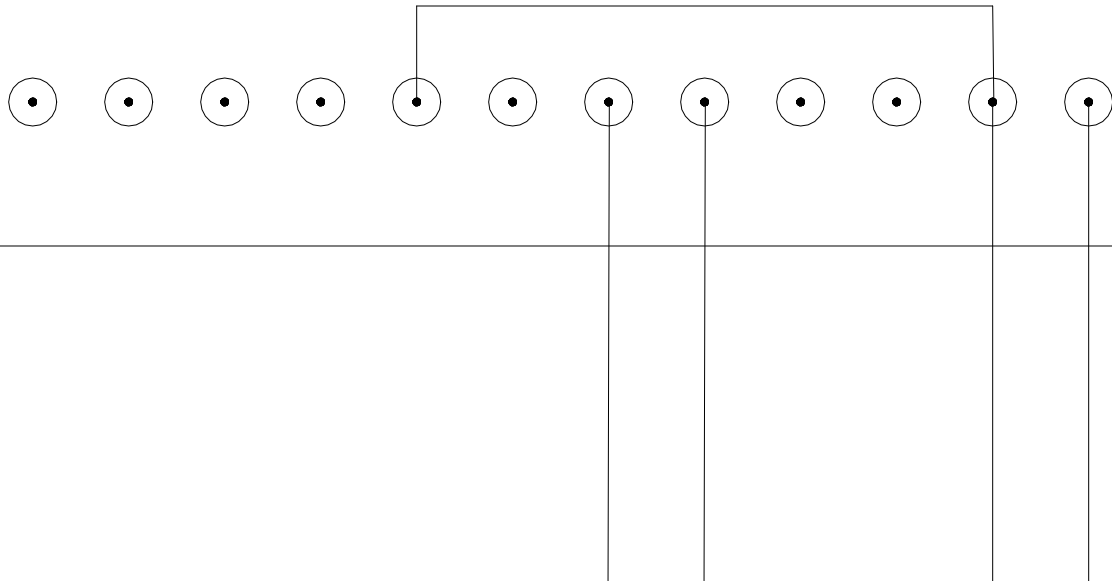


Arborphone Model 27

Adjust "A" to 6.2 VDC For use with 01A tubes
Jumper C+ to A- on ARBE terminal strip
Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



+45 +60 A- A+

Atwater Kent Model 5, No 4333

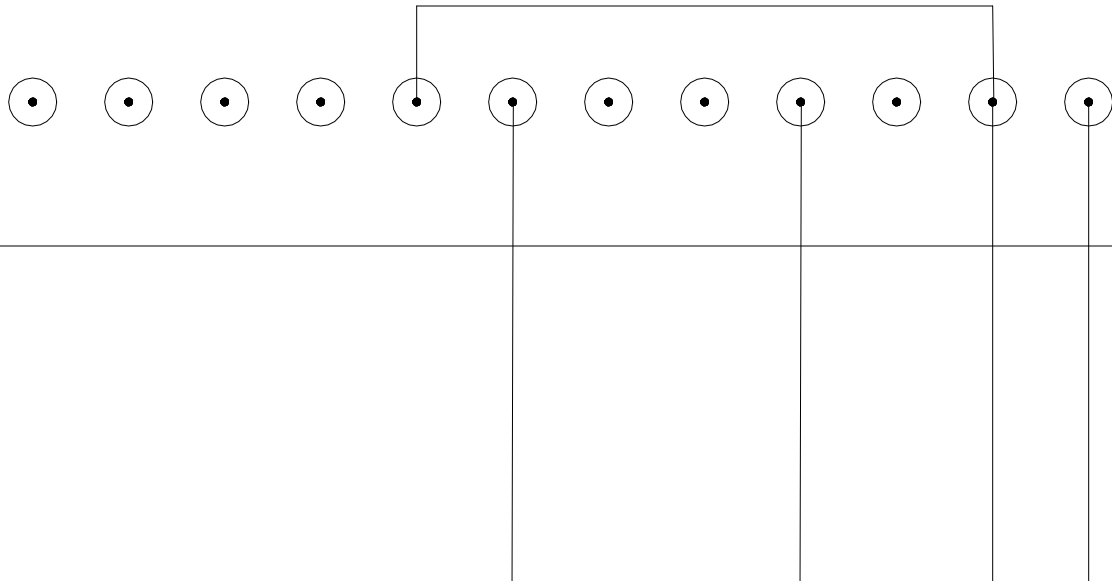
Adjust "A" Supply to 6.2 VDC

Jumper B- to A- on ARBE Terminal Strip

+60 can be increased to +90V

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Det

+B+

A-

A+

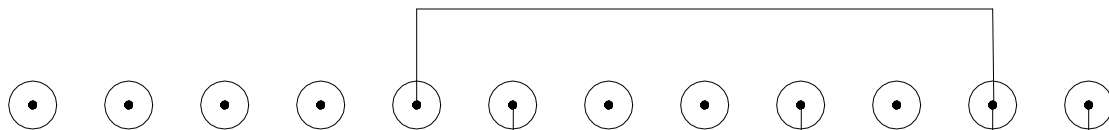
Atwater Kent Model 9, No 4445

Adjust "A" Supply to 6.2 VDC

Jumper B- to A- on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Yellow

Brown

Black

Red

Det

+B+

A-

A+

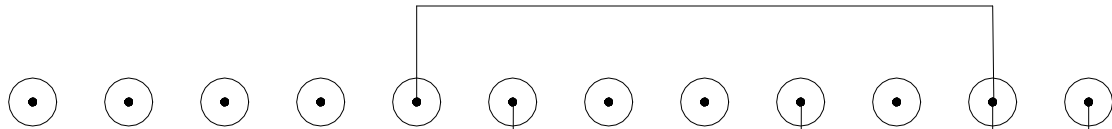
**Atwater Kent Model 9, No 4445
Later Version With Power Cord**

Adjust "A" Supply to 6.2 VDC

Jumper B- to A- on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Yellow

Brown

Black

Red

Det

+B+

A-

A+

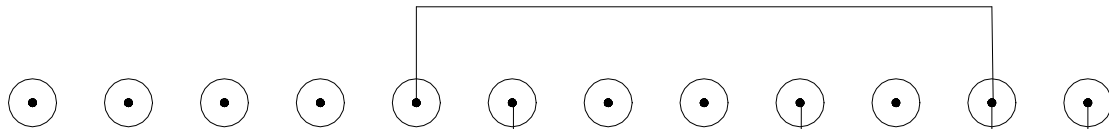
Atwater Kent Model 9C, No 4660

Adjust "A" Supply to 6.2 VDC

Jumper B- to A- on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B+20

B+

A-

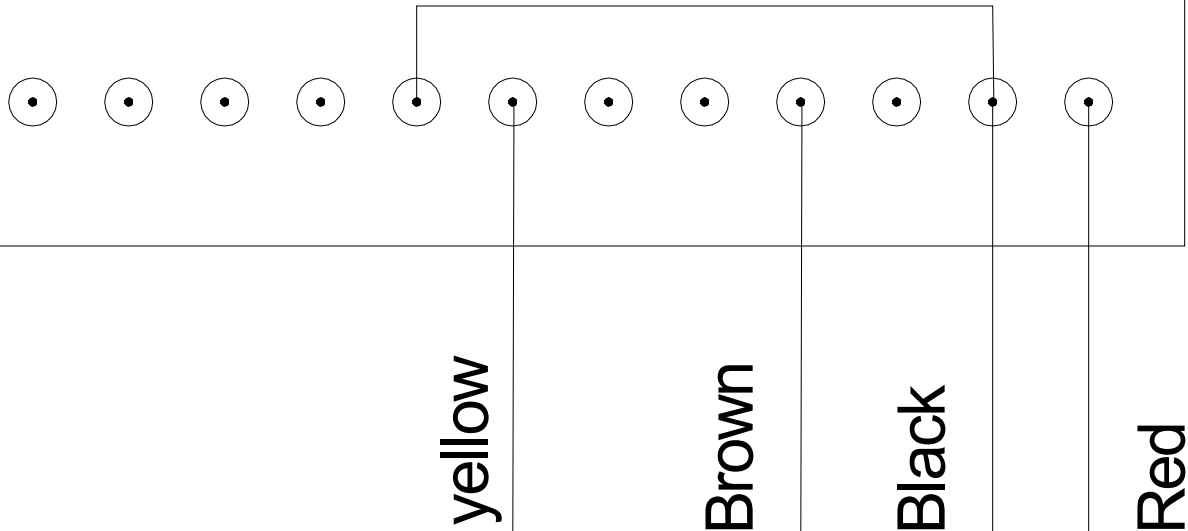
A+

**Atwater Kent Model 10
Radiodyne, 4340, 4600**

Adjust "A" Supply to 6.2 VDC
Jumper B- to A- on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B+20

B+

A-

A+

Atwater Kent Model 10A, #4560

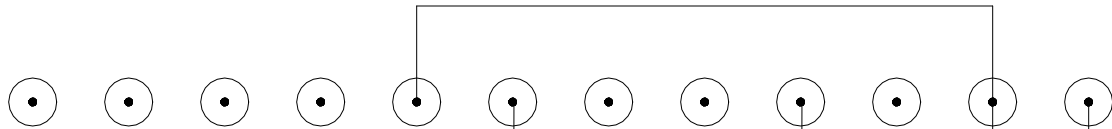
Adjust "A" Supply to 6.2 VDC

Jumper B- to A- on ARBE Terminal Strip

White wire is for external ground,
normally not required

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



yellow

Brown

Black Red

Atwater Kent Model 10C # 4700

Adjust "A" supply to 6.2 VDC

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow

Brown

Black

Red

B- B22

B+

A- A+

Atwater Kent Model 12, No 4610

Adjust "A" Supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow

White

Brown

Black

Red

B-

B22 B45

B+

A-

A+

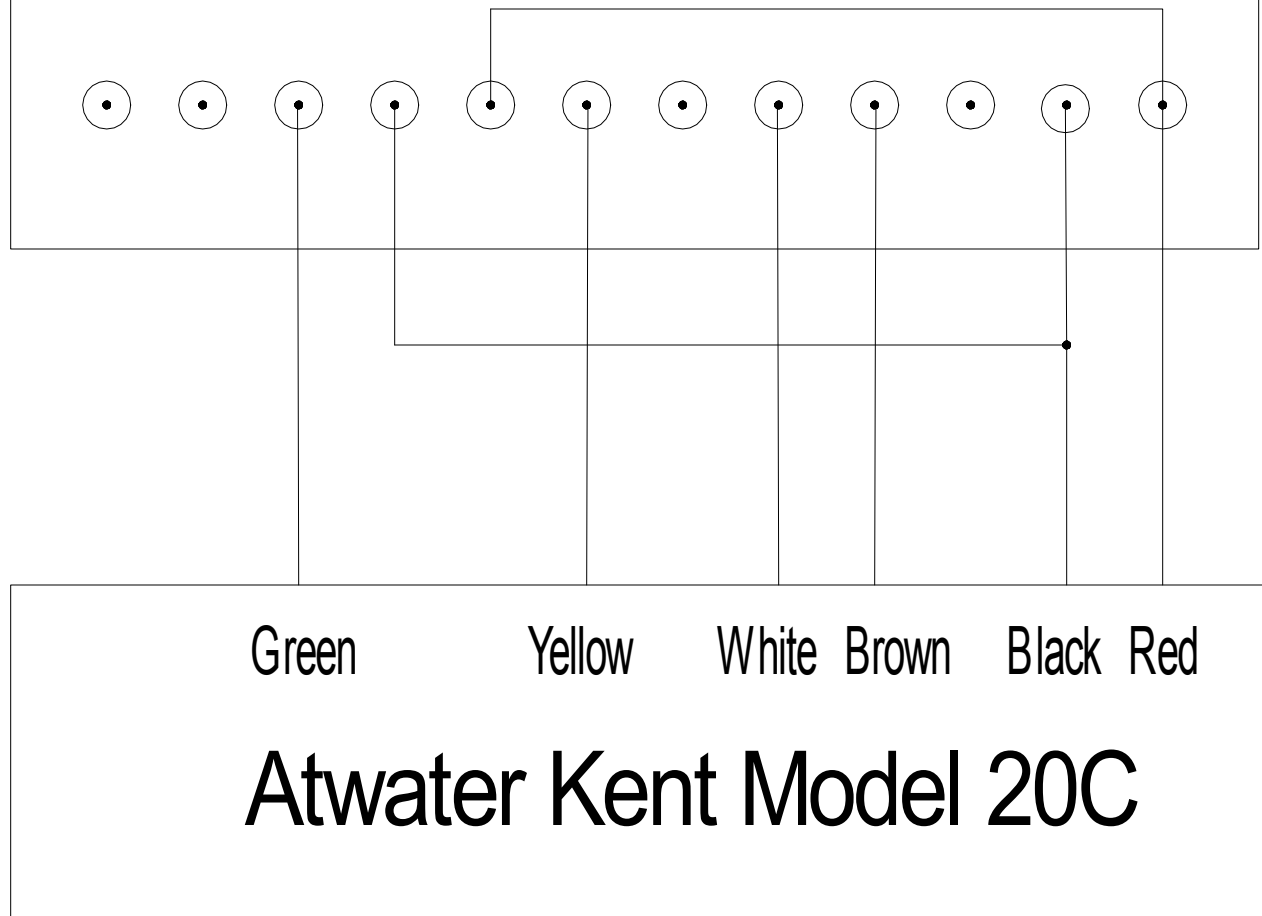
Atwater Kent Model 12, No 4620

Adjust "A" Supply to 6.2 VDC

Jumper B- to A- on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



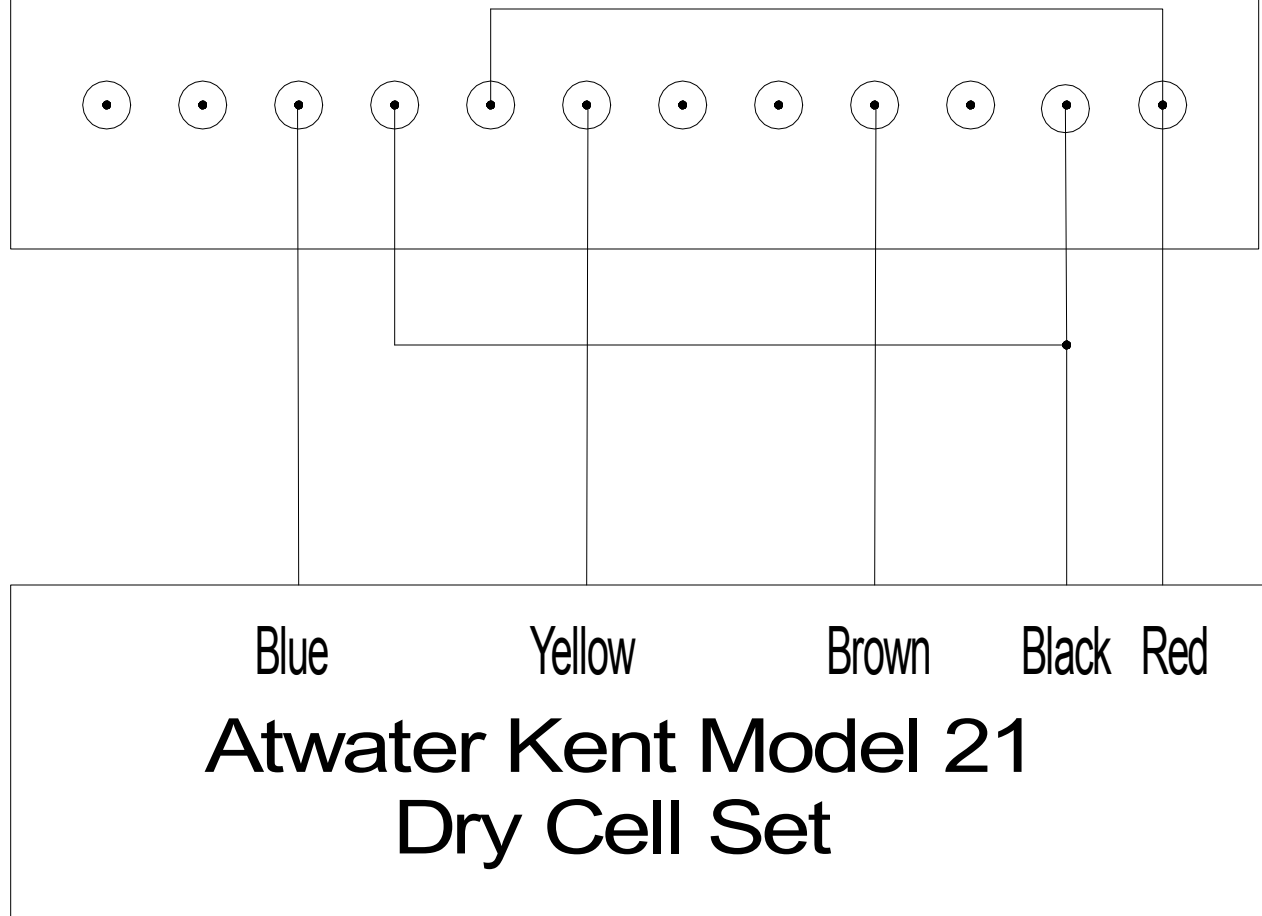
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

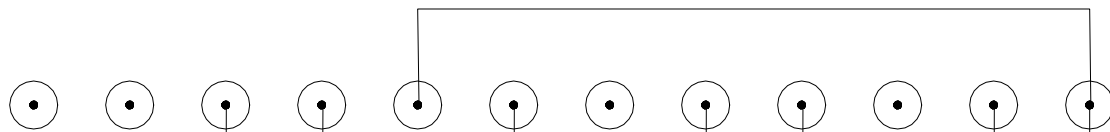
-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Adjust "A" to 4.5 VDC for use with type 99 tubes
Jumper C+ to A- on ARBE terminal strip
Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow

White

Brown

Black

Red

-4.5

+ 22

+ 67 + 90

A- A+

Atwater Kent Model 30

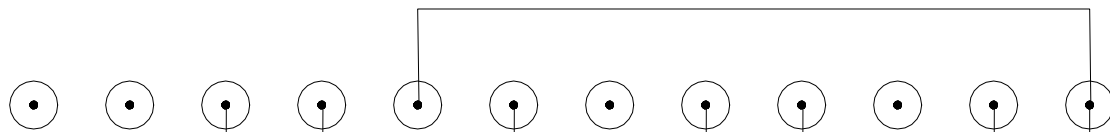
Set up for use with 01A type tubes

Adjust "A" supply to 6.2 VDC

Jumper A+ to B-, A- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow

White

Brown

Black

Red

-4.5

+ 22

+ 67 + 90

A- A+

Atwater Kent Model 33

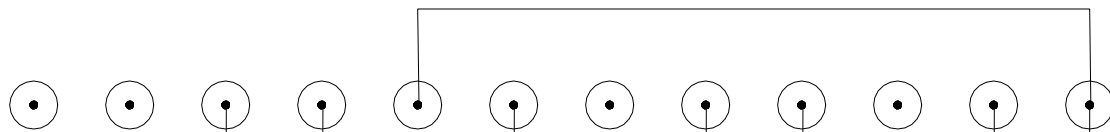
Set up for use with 01A type tubes

Adjust "A" supply to 6.2 VDC

Jumper A+ to B-, A- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow

White

Brown

Black

Red

-4.5

+ 22

+ 67 + 90

A- A+

Atwater Kent Model 35

Set up for use with 01A type tubes

Adjust "A" supply to 6.2 VDC

Jumper A+ to B-, A- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B-

B+

A-

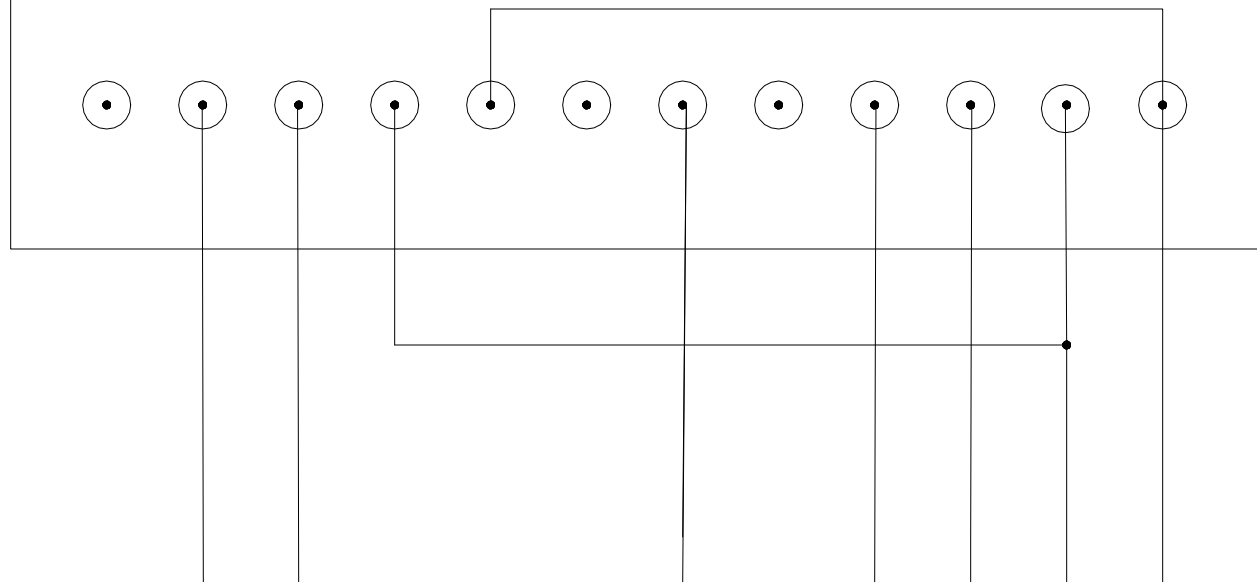
A+

All-Amax Senior

Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Salmon White

Blue Brown Green Blk Red

Bosch Amborola Model 16

Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



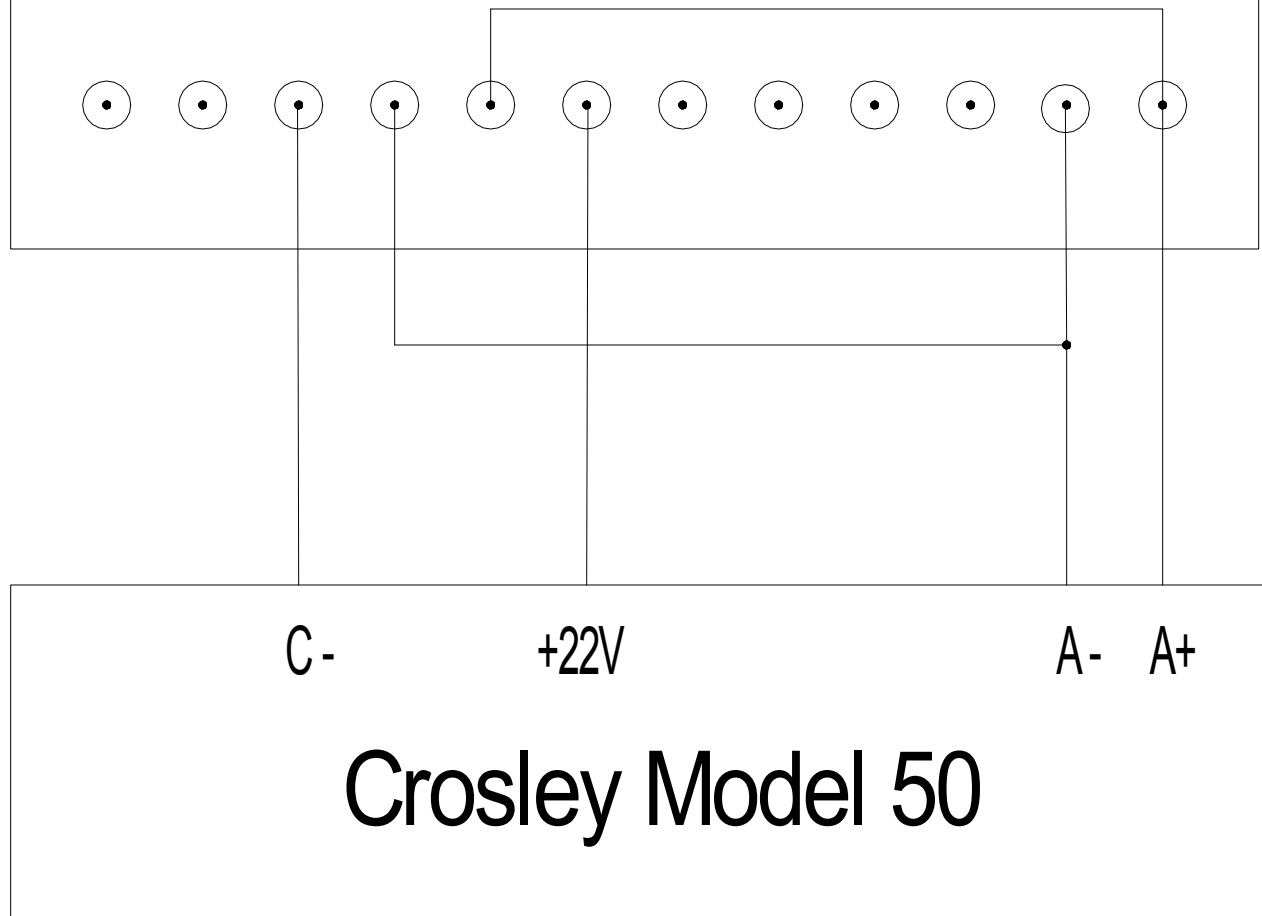
C- C+ B- B45 B90 A- A+

Crosley "ACE" Model 3B

Adjust "A" to 6.2 VDC Set up for 01A type tubes
C supply not used. C- jumpered to A- on radio
terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



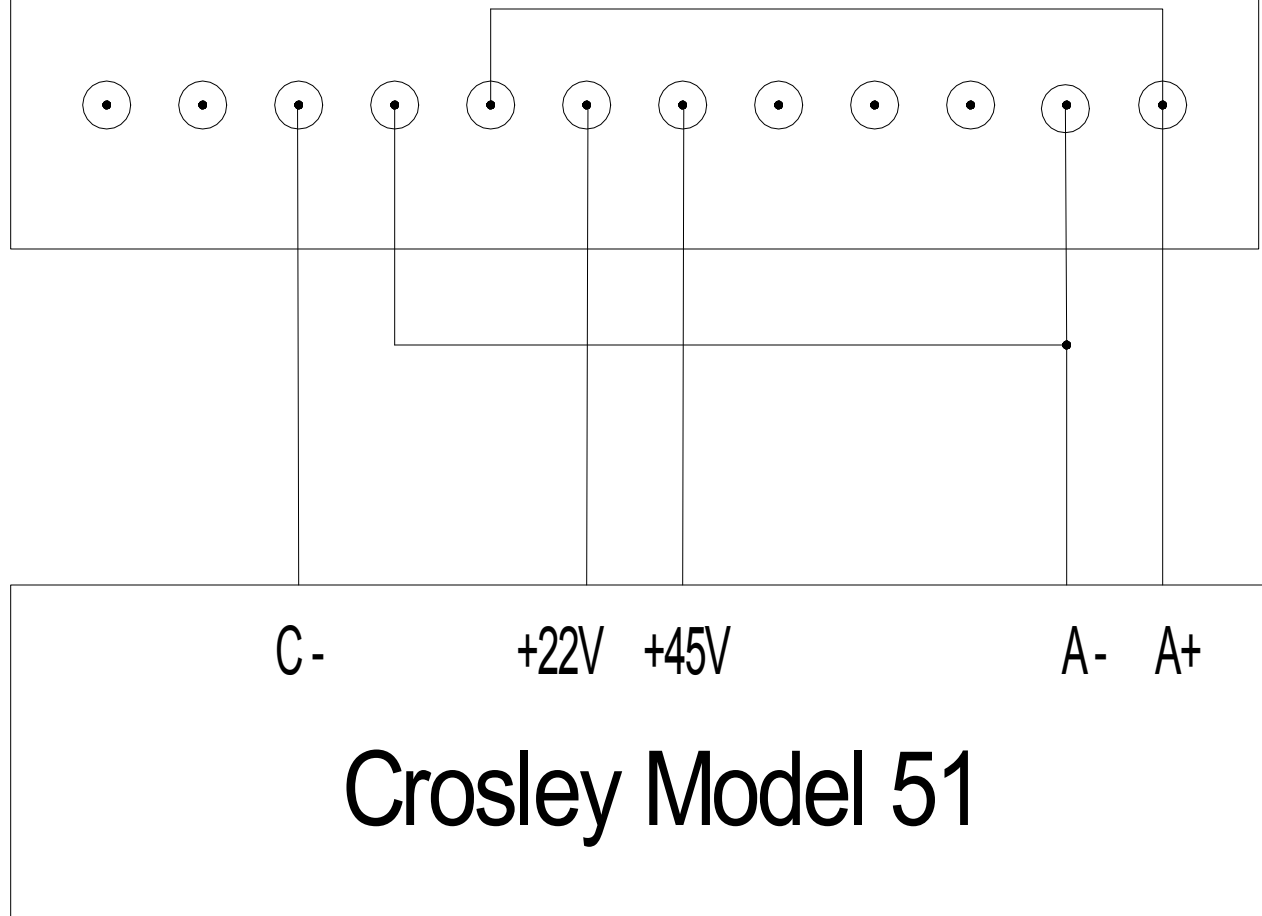
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



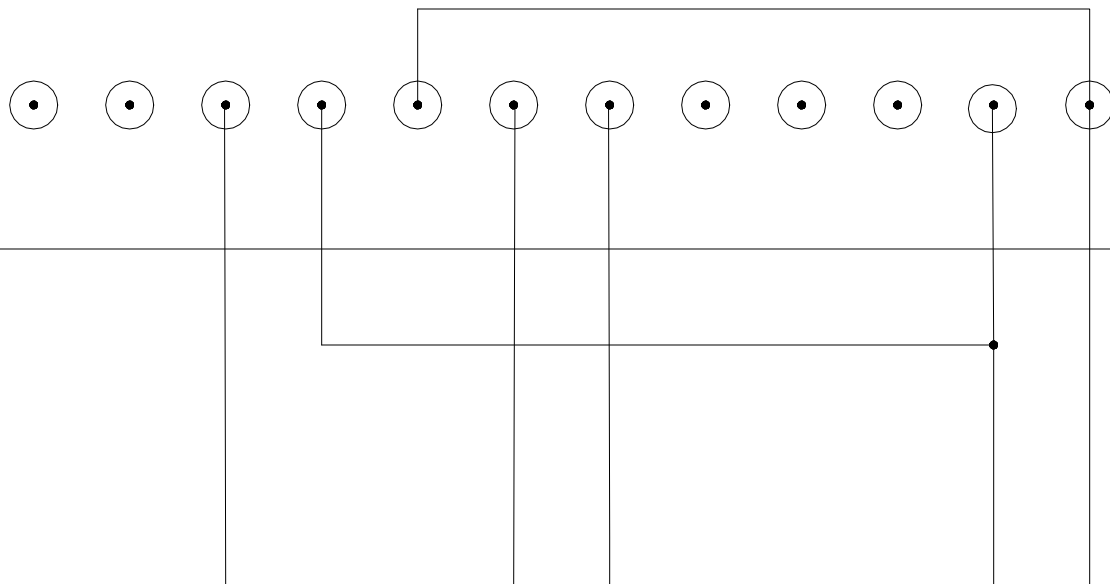
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow White

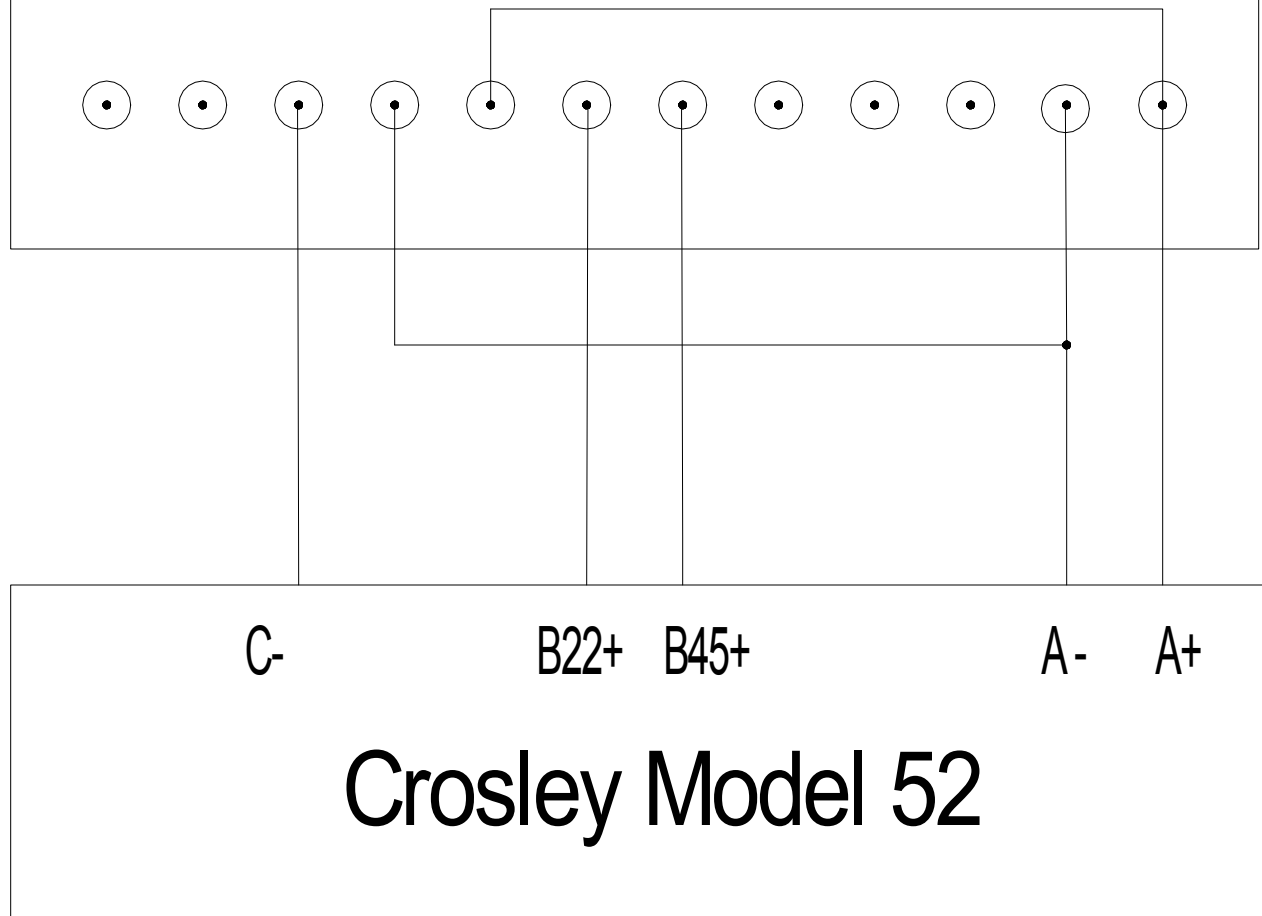
Black Red

Crosley Model 51

Adjust "A" to 6.2 VDC For use with 01A tubes
Jumper C+ to A- on ARBE terminal strip
Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

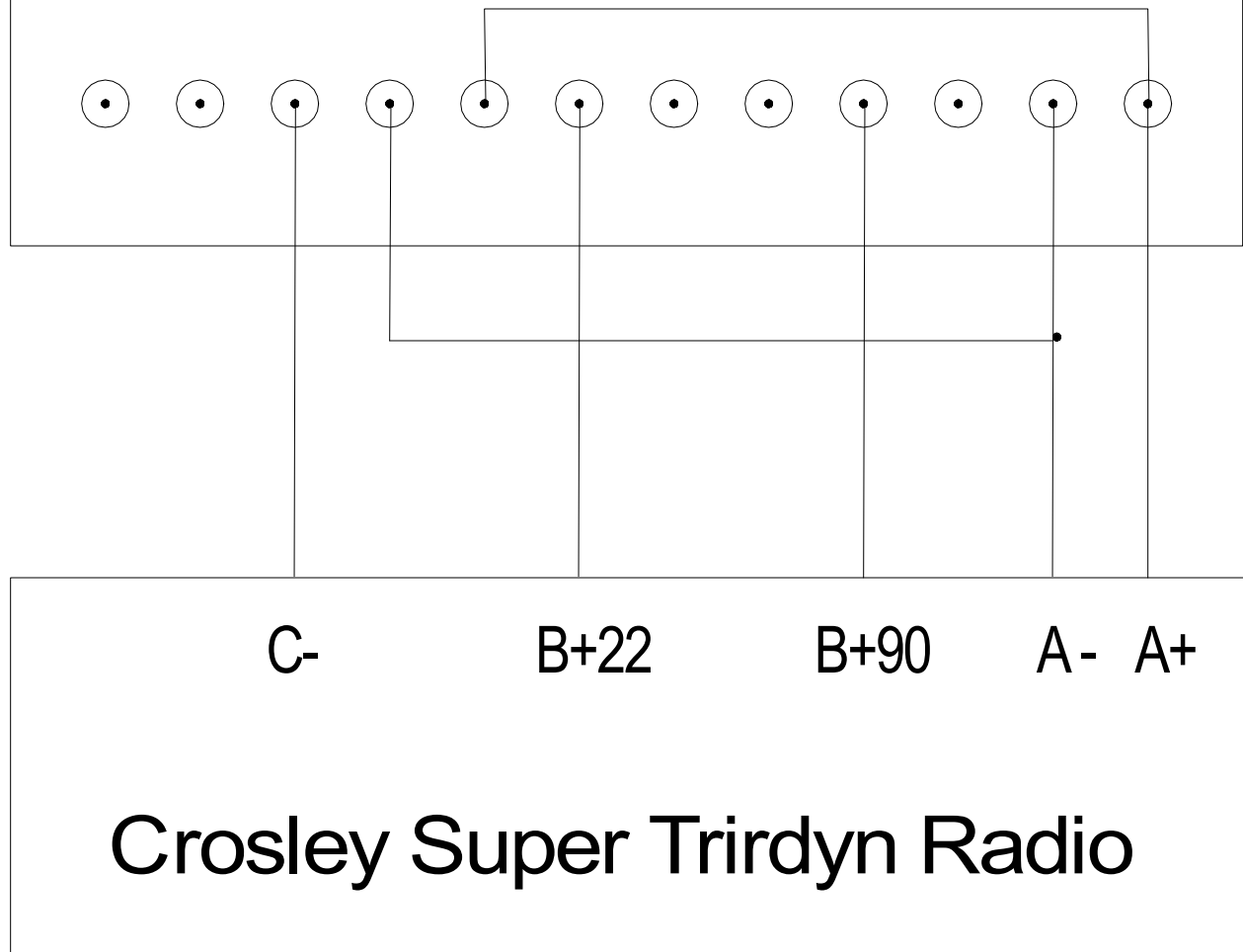
-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Adjust "A" to 6.2 VDC For use with 01A tubes
Jumper C+ to A- on ARBE terminal strip
Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

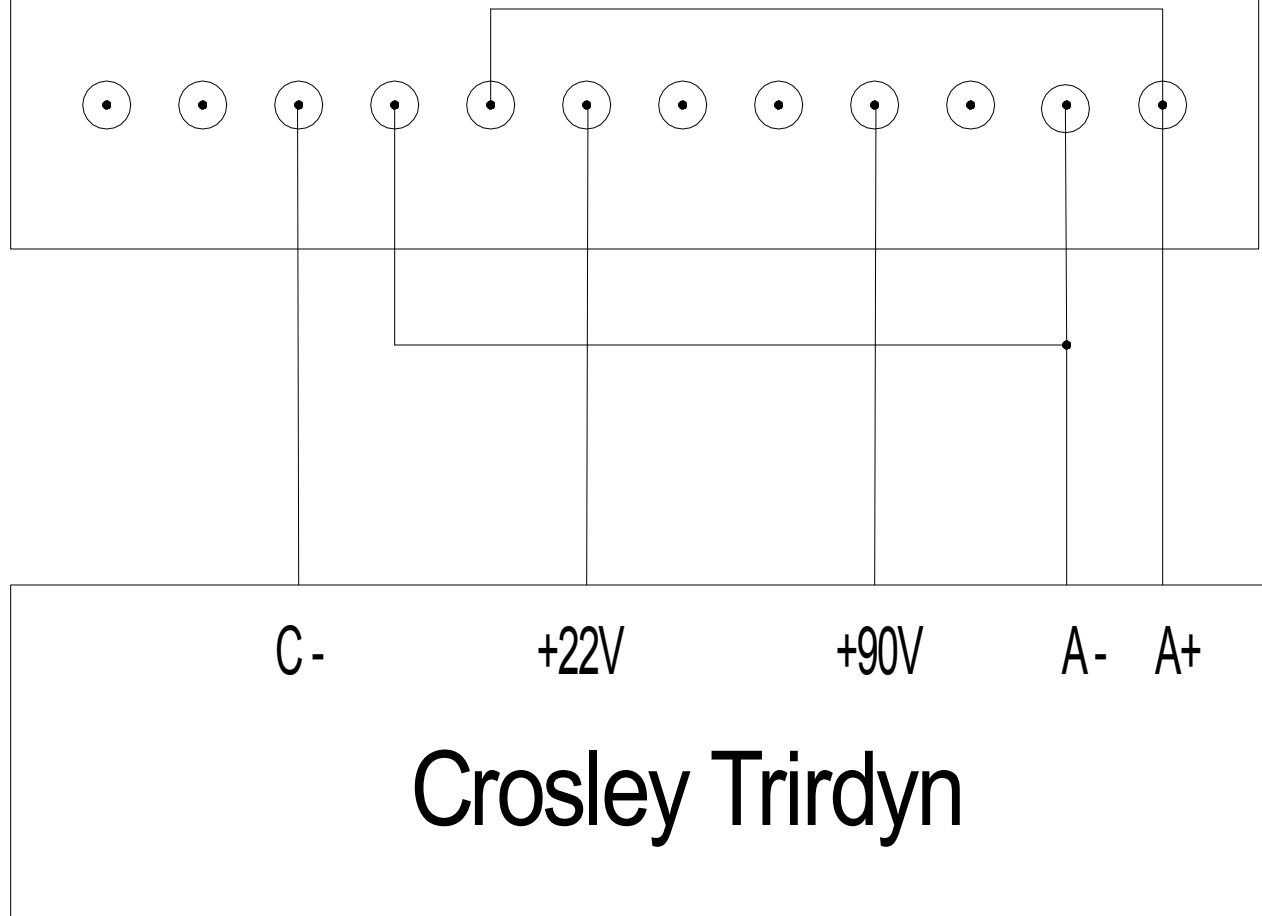
-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Adjust "A" supply to 6.2 VDC
Jumper A+ to B-, A- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



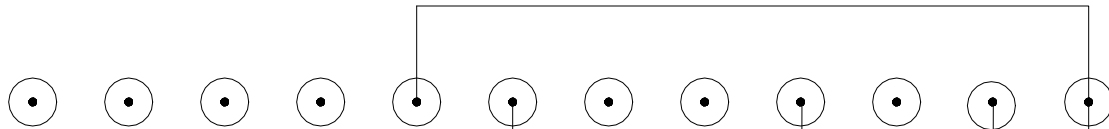
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B22(Det)

B +(Amp)

A- A+

DeForest Model DL-10

Adjust "A" to 6.2 VDC

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



C- C+ B- B+ Det B+ A- A+

Diamond T Radio With Speaker

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



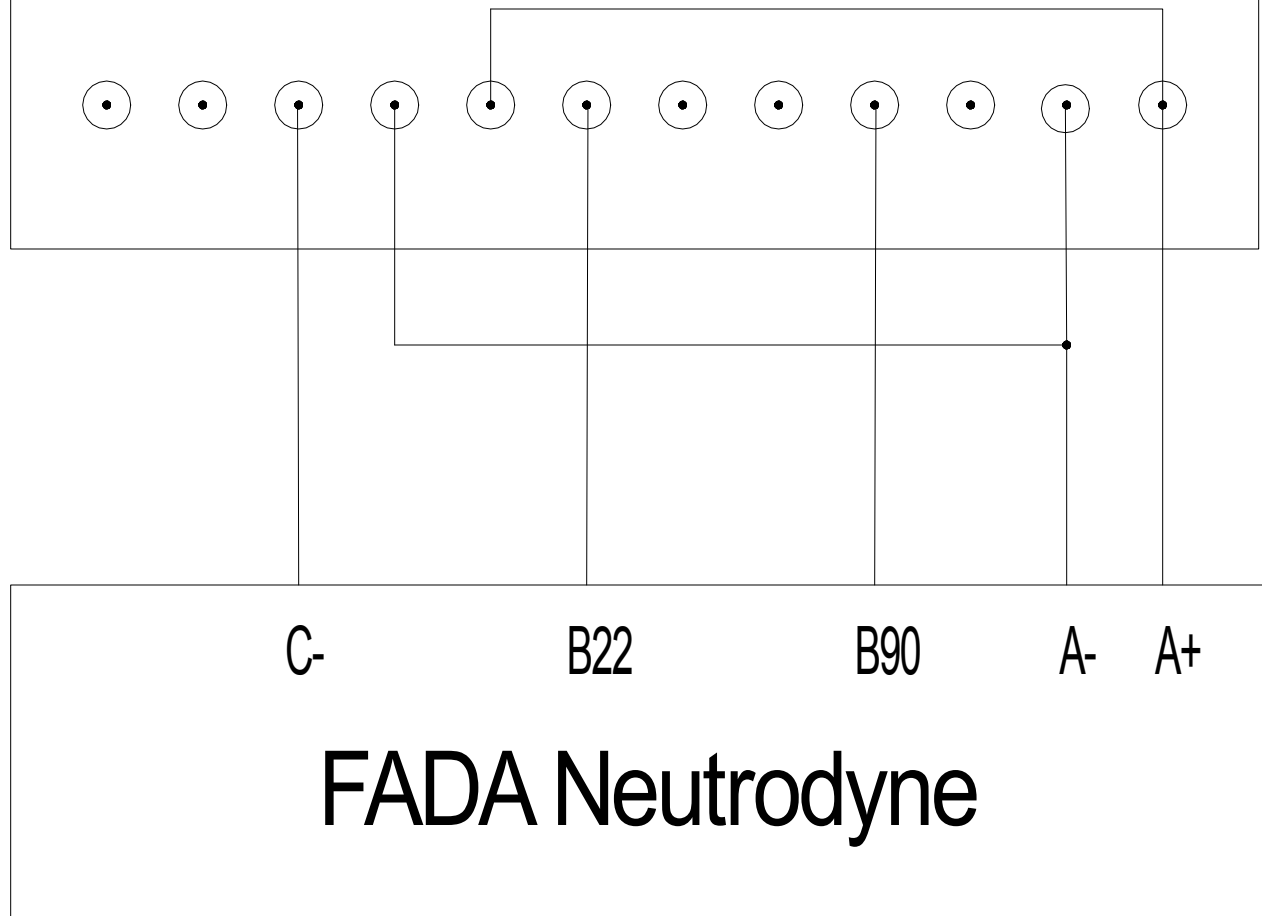
B- B+ Det B+ Amp A- A+

FADA Model 160

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



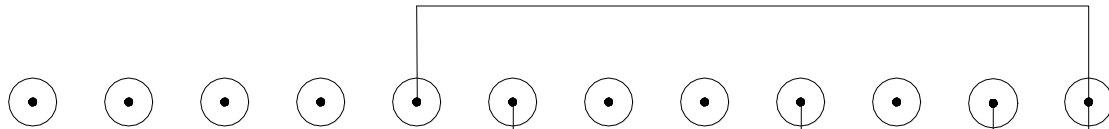
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B+ Det

B+ Amp

A-

A+

Federal Model 59

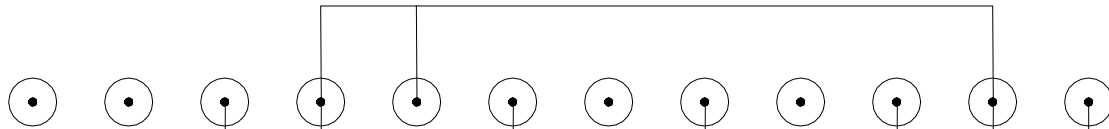
Jumper A+ to B- on ARBE-III terminal strip as shown

Set up for use with 01A type tubes

Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



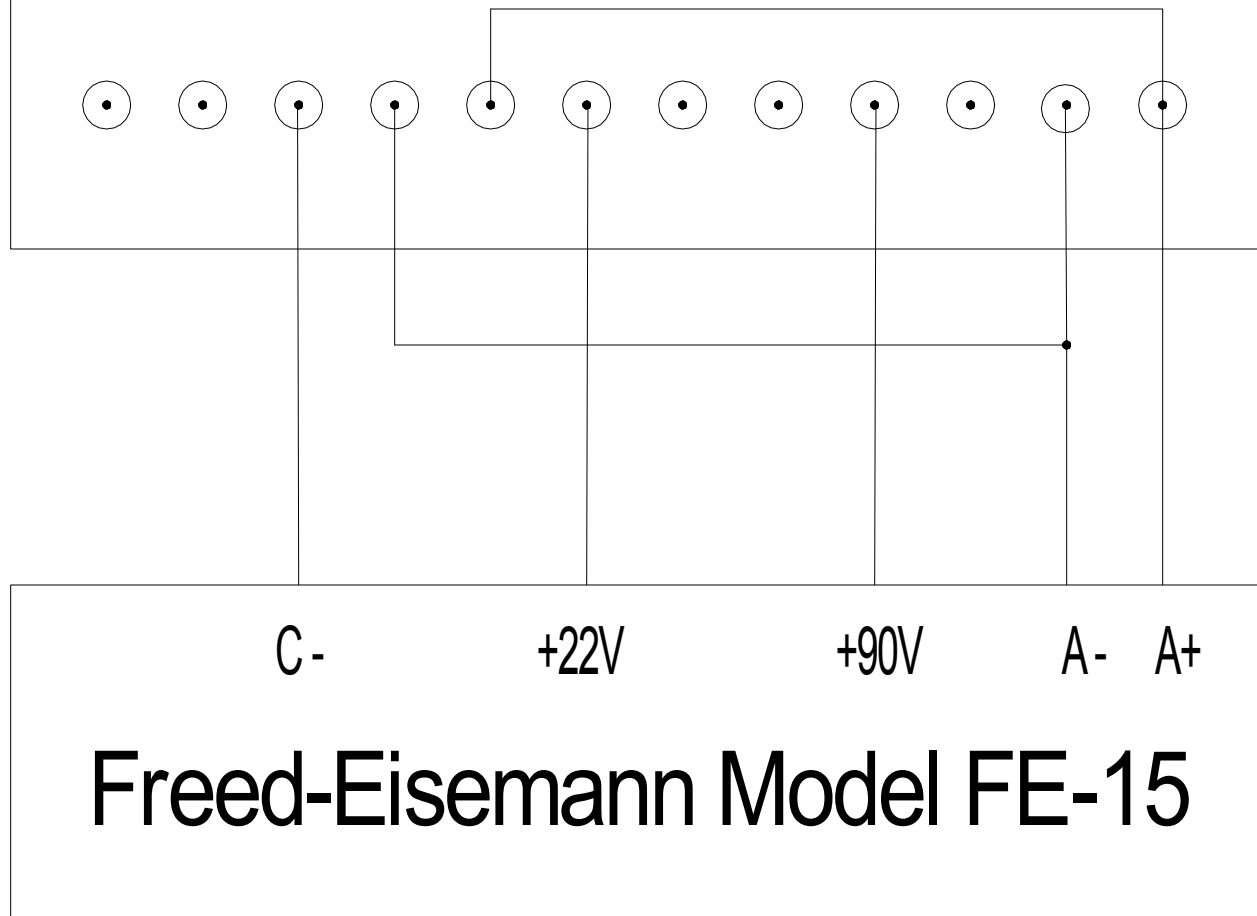
C-9 C-4.5 B+22 B+67 B+135 A- A+

Federal Model A-10 Radio

Jumper C-9 to C-4.5 on radio
Jumper C+ to B- to A- on ARBE
Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Freed-Eisemann Model FE-15

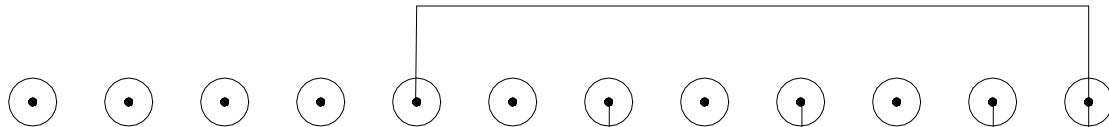
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



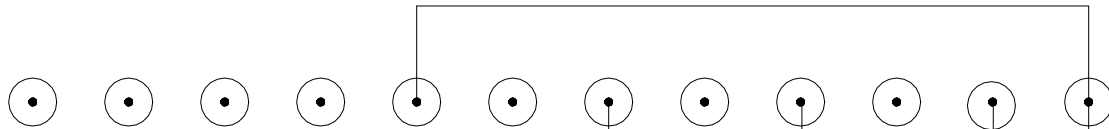
45 90 A- A+

Freed-Eisemann Model NR-5

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC
Jumper A+ to B- on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



+45V

+90V

A-

A+

Freed-Eisemann Model NR-12

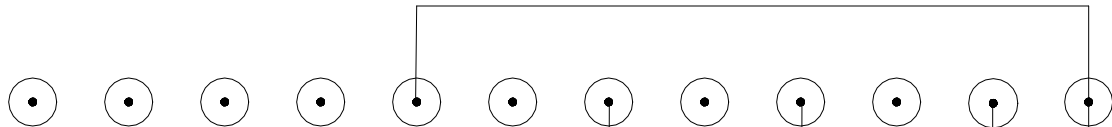
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B+ Det B+ Amp A- A+

Fr eshman Masterpiece

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC
Jumper A+ to B- on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



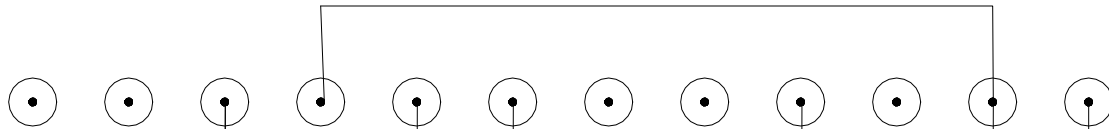
C- C+ B- B+Det B+Pwr A- A+

Freshman Masterpiece

Adjust "A" to 6.2 VDC Set up for 01A type tubes

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



C-

B- B Det

B+

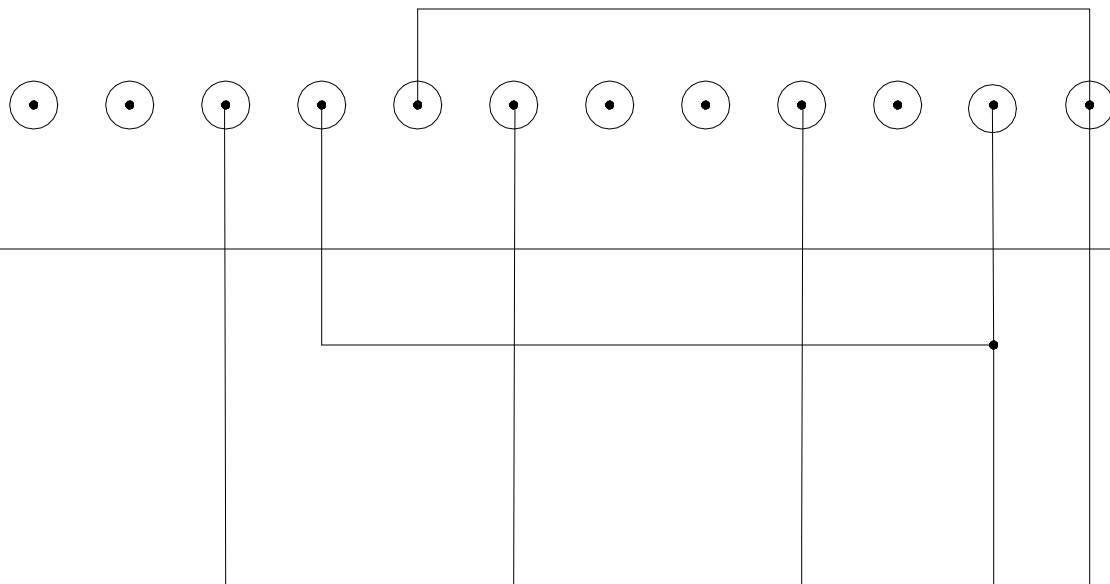
A- A+

Gilfillan Neutrodyne Type GN-1

Jumper C+ to A- on ARBE terminal strip
Adjust "A" supply to 6.2 VDC
Set up for use with 01A type tubes

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



C -

B22 (Det)

B+(Pwr)

A -

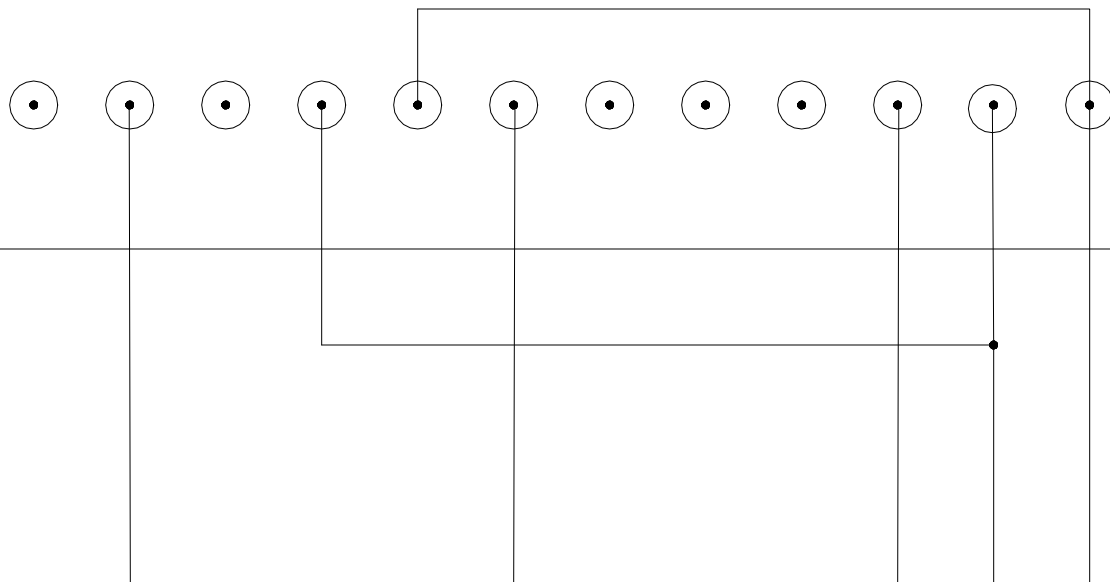
A +

Grebe MU -1 using all 01A's

Adjust "A" to 6.2 VDC For use with 01A tubes
Jumper C+ to A- on ARBE terminal strip
Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



C-

B22 (Det)

B+(Pwr)

A-

A+

Grebe MU -1 using 112A output

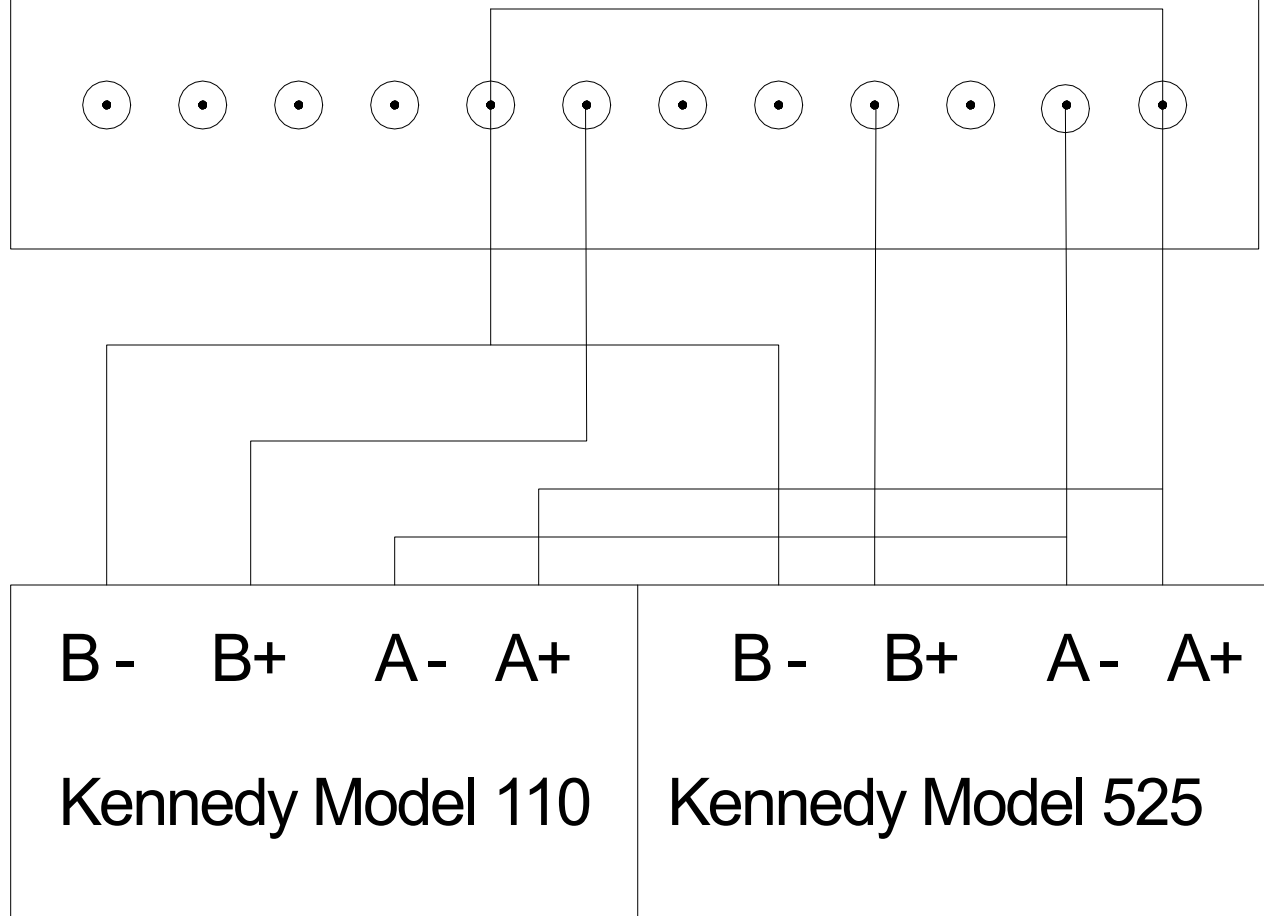
Adjust "A" to 6.2 VDC

Jumper C+ to A- on ARBE terminal strip

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+

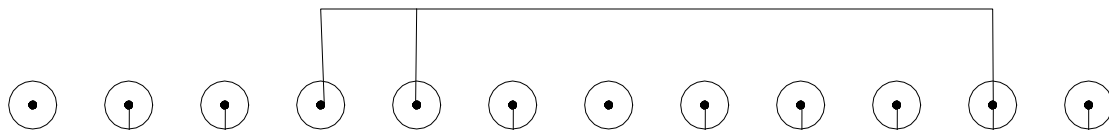


Adjust "A" to 6.2 VDC

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



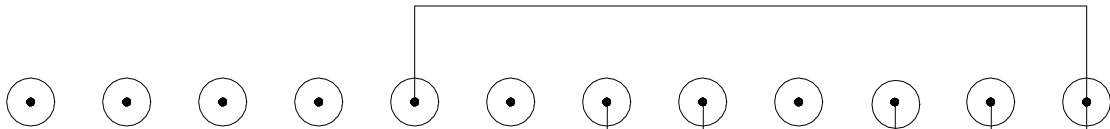
-9 -4.5 22 67 90 135 A- A+

Kolster Model 6D

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC
Jumper A- to B- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Yellow Brown Green Red Black

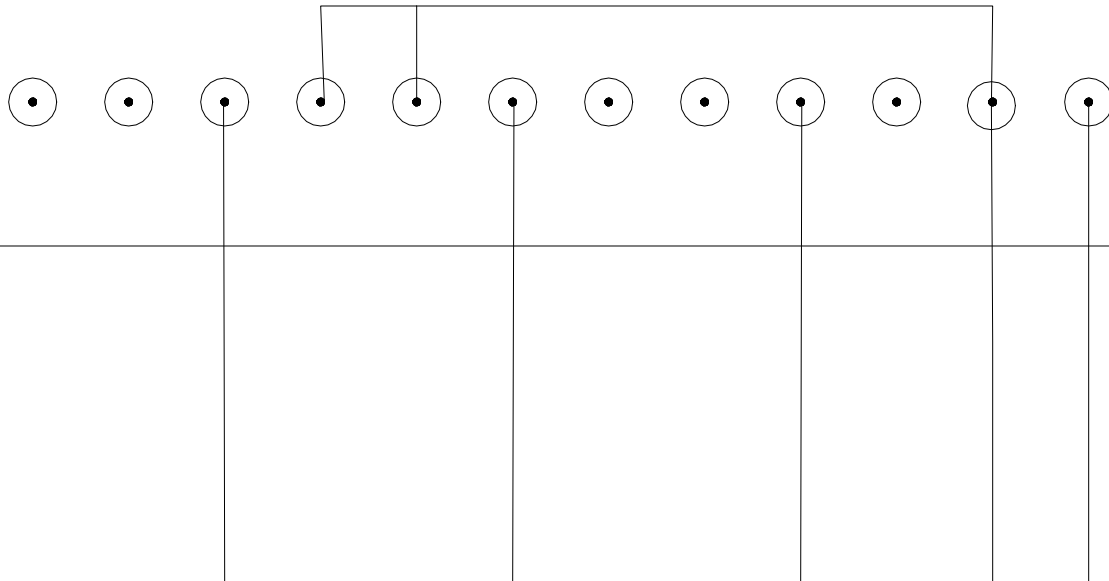
Neutrowound Model 1927

Adjust "A" supply to 6.2 VDC

Jumper B- to A+ on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



-4.5 C

B+ 22-1/2

B+ 90

-A

+A

Northern Electric Model R-24

Adjust "A" to 4.5 VDC For use with 215A tubes
Jumper C+ to B- to A- on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



White

Red

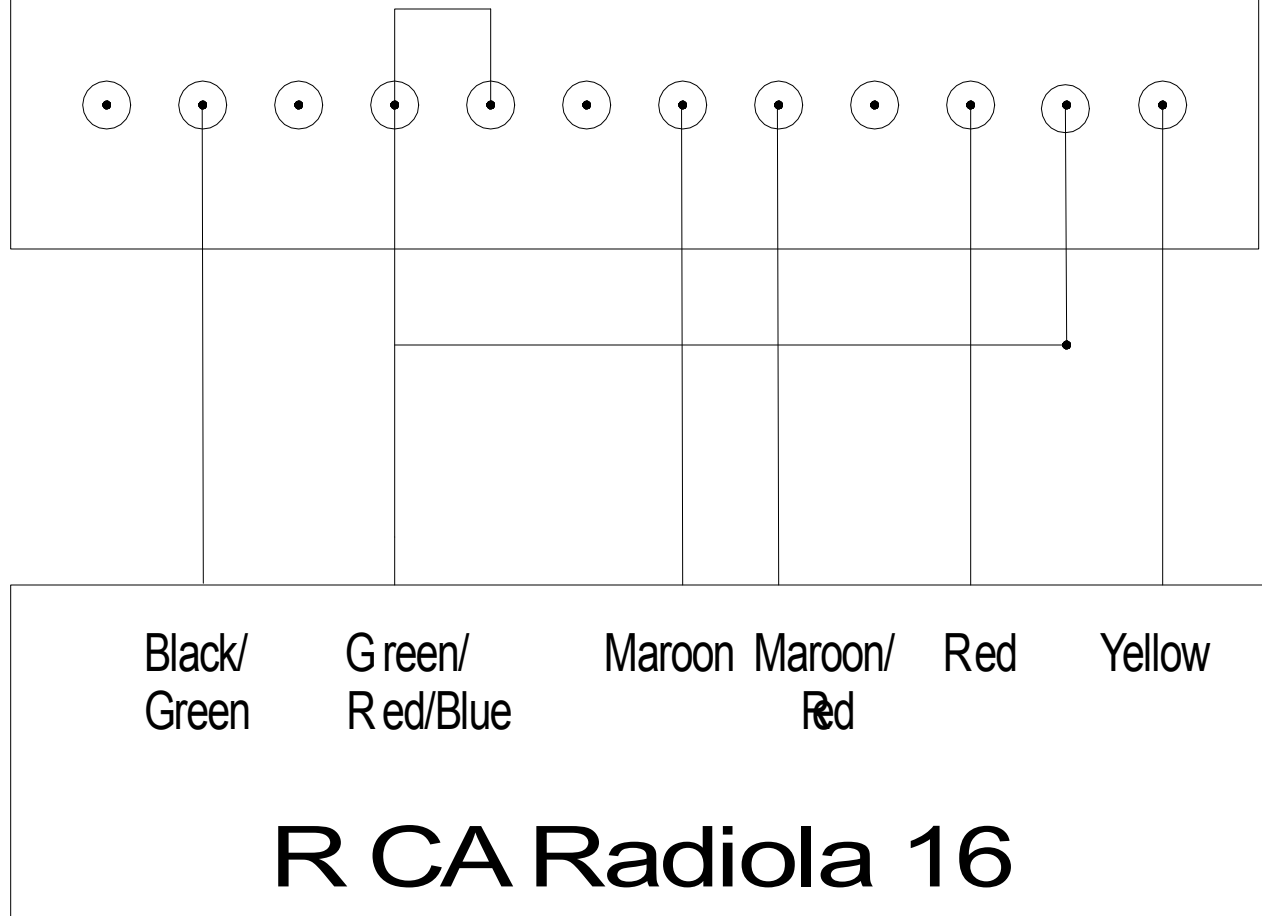
Black Yellow

Philco Model 41-90

Adjust "A" to 1.5 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+

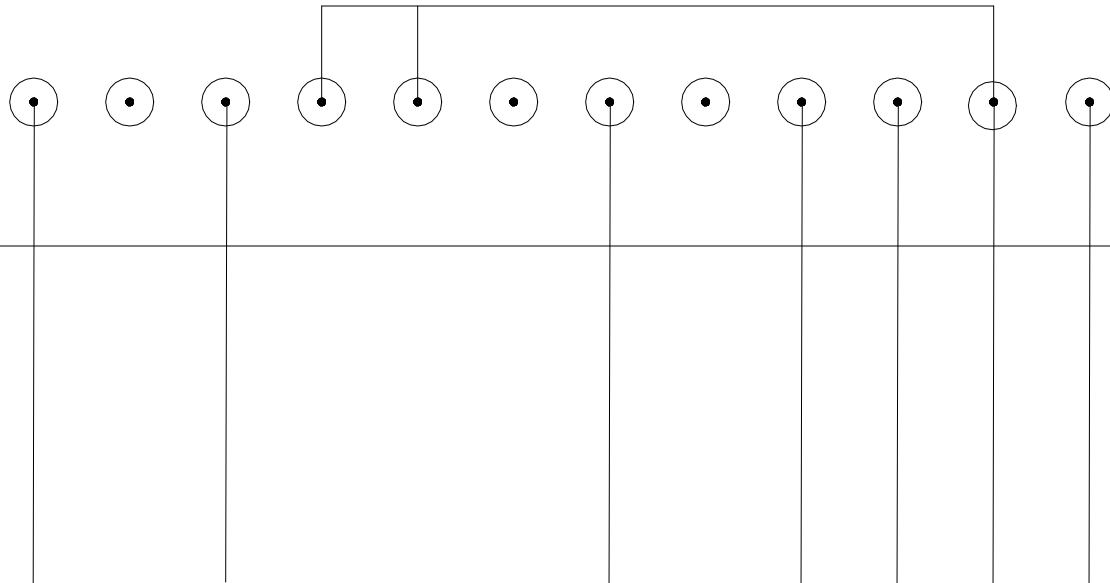


Adjust "A" to 6.2 VDC

Jumper C+ to B- to A- on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



5

4

3

2

11

1

10

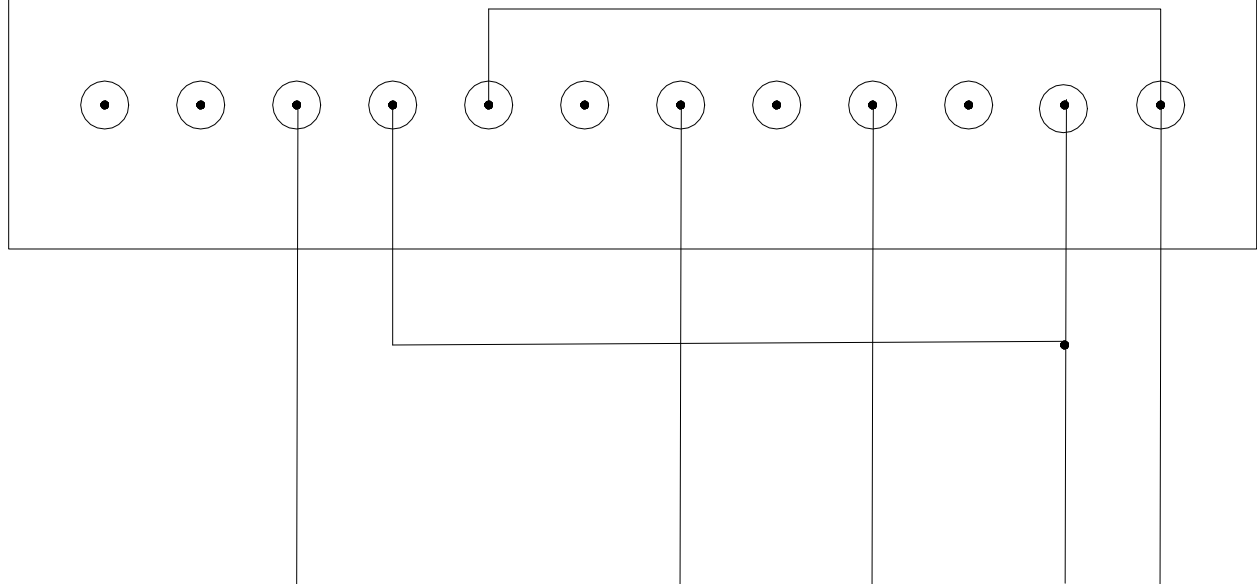
RCA Radiola Model 20

Adjust A supply to 4.5VDC

Jumper C+ & B- to A- on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



6

11

12

9

10

RCA Radiola 24

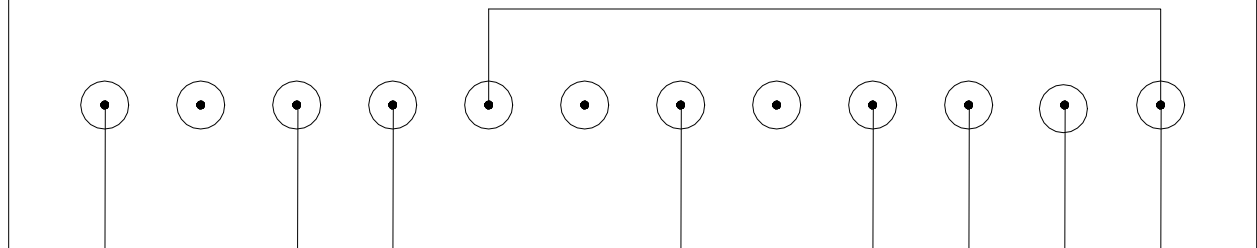
Adjust A supply to 4.5VDC

Jumper C+ to A- on ARBE Terminal Strip

Jumper B- to A+ on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



6

7

20

13

14

17

10

12

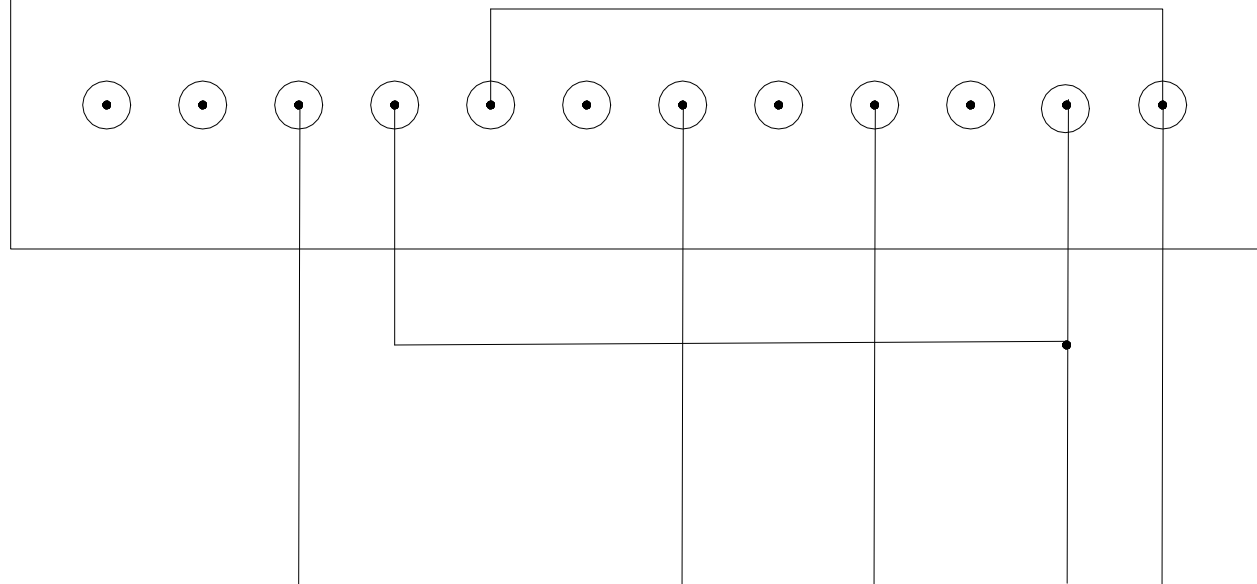
RCA Radiola 25

Adjust A supply to 4.5VDC

Jumper B- to A+ on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



C -
Black-Green

+ 45B
Maroon

+ 90B
Red-Brown

- A/C+
Green
Yellow

+ A/B -
Yellow
Red

ÜÖÖÄ Radiola 26

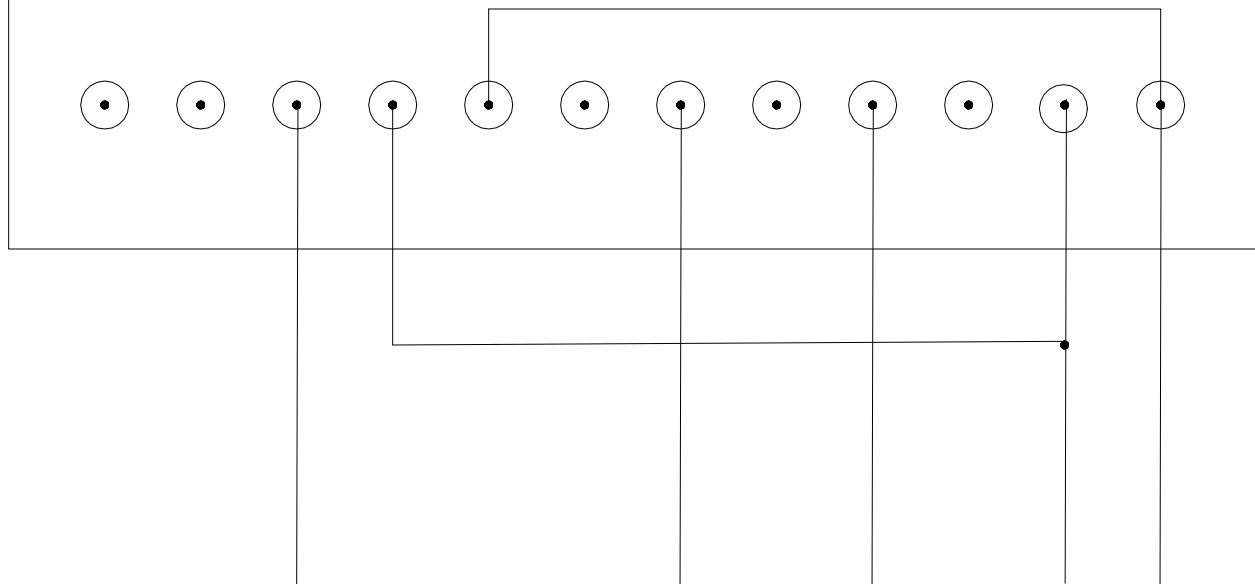
Adjust A supply to 4.5VDC

Jumper C+ to A- on ARBE Terminal Strip

Jumper B- to A+ on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



RCA Model AR-812

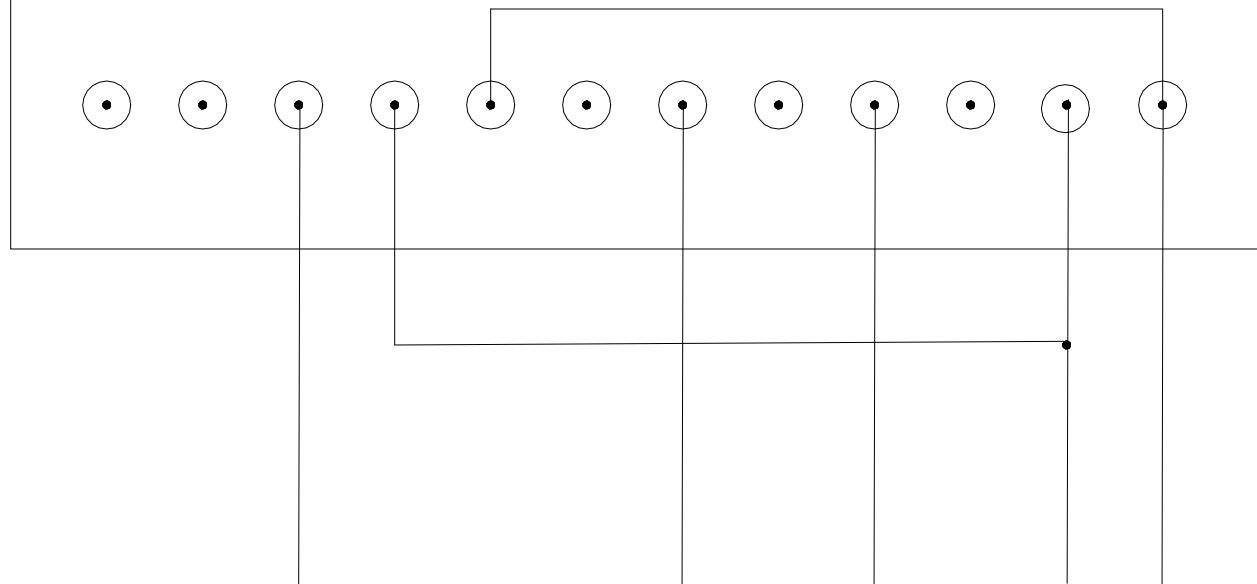
Adjust A supply to 4.5VDC

Jumper C+ to A- on ARBE Terminal Strip

Jumper B- to A+ on ARBE Terminal Strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



- Bias

+45V

+90V

A-

A+

RCA Radiola II Model AR-800

Adjust A supply to 4.5VDC

Jumper C+ to A- on ARBE Terminal Strip

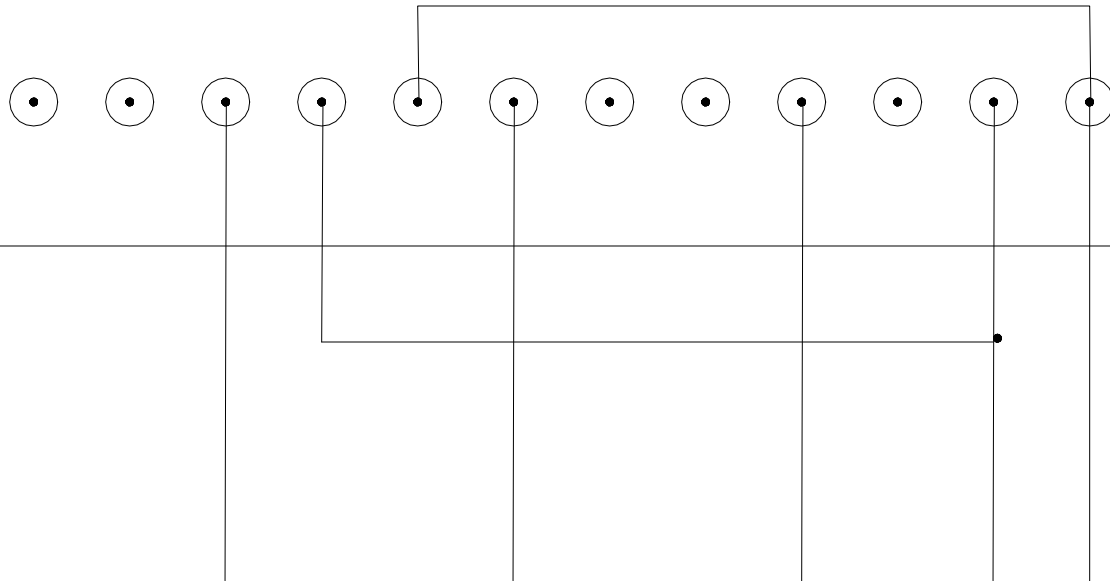
Jumper B- to A+ on ARBE Terminal Strip

Remove clip from + Bias & - Bias

Remove clip from B+45V, B+90V

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



-C

B20

B80

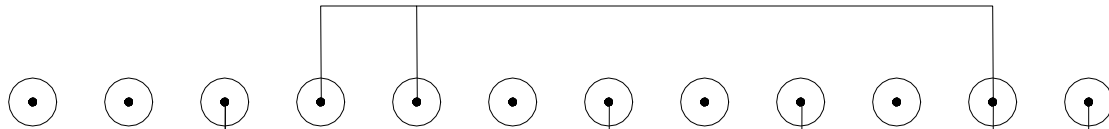
A- A+

RCA Radiola IIIA

For WD-11 or 864's, Adjust "A" to 1.2V
Jumper A+ to B-, A- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



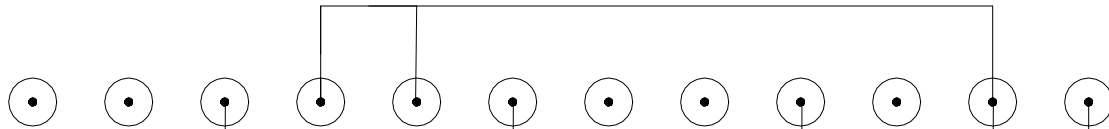
C- C+ B- B+ 45 B+ 90 A- A+

Salisbury 5 Tube TRF Radio

Jumper C+ to B- to A- on ARBE
Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Black

Maroon

Red

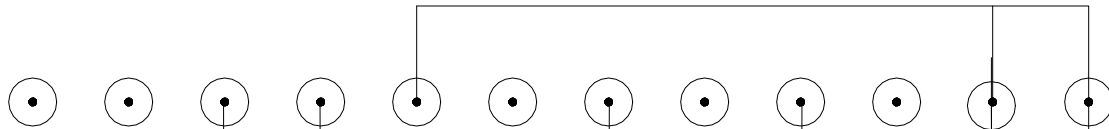
BL YL

Silver Cockaday

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC
Jumper A- to B- to C+ on ARBE-III

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



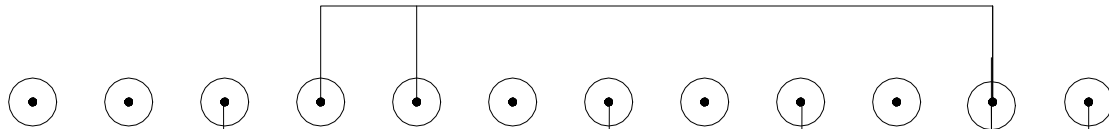
C- C+ B+45 B+90 A- A+

Silvertone Neutrodyne

Adjust "A" to 4.5 VDC for UV-99 tubes
Jumper B - to A + on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



Green

Yellow

Brown

Black Red

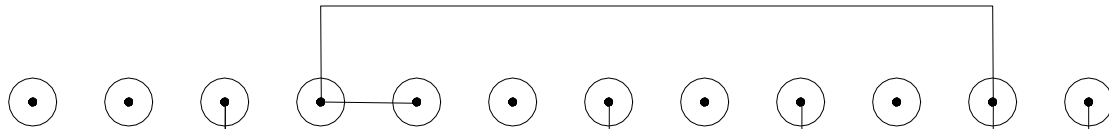
Splitdorf Model R-V-695

Adjust "A" to 6.2 VDC

Jumper C+ to B- to A- on ARBE terminal strip

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



C- C+

B+ Det B+ Amp

A- A+

Standardyne Radio

Jumper C+ to B- to A- on ARBE-III
Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B- B+ Det B+ Amp A- A+

Stewart Warner Model 300

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC

ARBE-III Universal Battery Eliminator

-22 -9.0 -4.5 C+ B- 22 45 67 90 135 A- A+



B- B+ Det B+ Amp A- A+

Stewart Warner Model 305

Set up for use with 01A type tubes
Adjust "A" supply to 6.2 VDC