

# Film-Tech

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These manuals are designed to facilitate the exchange of information related to cinema projection and film handling, with no warranties nor obligations from the authors, for qualified field service engineers.

If you are not a qualified technician, please make no adjustments to anything you may read about in these Adobe manual downloads.

[www.film-tech.com](http://www.film-tech.com)



# Ballantyne T-25 Amplifier Parts List:

## Resistors:

13 100K  $\frac{1}{2}$ w  
2 470K  $\frac{1}{2}$ w  
3 1K  $\frac{1}{2}$ w  
2 220K  $\frac{1}{2}$ w  
2 15K  $\frac{1}{2}$ w  
1 1.5K  $\frac{1}{2}$ w  
1 1meg  $\frac{1}{2}$ w  
2 47K  $\frac{1}{2}$ w 1%  
3 4.7K 2w  
1 150 2w  
1 220 5w WW  
1 4 5w WW  
1 2.7K  $\frac{1}{2}$ w  
1 1K 10w WW  
2 750 pots  
1 5K pot

## Transformers:

1 19-P-22 Power  
1 19-A-9 Output  
1 19-A-8 Monitor (1750 or 23907)

## Capacitors:

4 .01 @ 600v  
4 .05 @ 600v  
2 .0012 @ 600v  
1 .002 @ 600v  
2 .1 @ 600v  
1 .25 @ 100v  
2 .001 @ 1000v disc  
1 25uf @ 50v axial  
1 10uf @ 50v axial  
1 10uf @ 500v axial  
2 50uf @ 150v axial

## Twist-Prong cans:

1 1000uf @ 25v  
1 1000uf @ 25v  
1 40uf @ 500v  
1 40uf @ 500v  
1 30uf @ 450v  
1 30uf @ 450v  
1 30uf @ 450v

## Tubes:

1 12AX7  
1 12AU7  
1 6FQ7/6CG7  
2 7027A  
1 6BQ5

## Diodes:

5 GE 510 or SK3081/125

## Fuse:

1  $1\frac{1}{2}$  amp

FUSE HOLDER: BUSS HTA  
SPACE SAVER

## Acceptable substitutes:

CDE BB0040A	Mallory WP200
Sprague TVLU 2060	Mallory PWP201.15A
CDE BB0530A	Sprague TVLU 2930
Sprague TVLU 2925	Mallory FP288A or FP240
CDE CC0350A	Sprague TVLU 3930
Sprague TVLU 3800	Mallory FP 376.7A
Sprague TVLU 3865	MALLORY FP 377.1

T-25

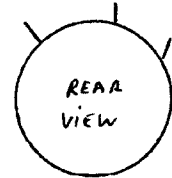
Amplifier Connector Pinouts:

Input:

- 1- Master projector photocell input ground
- 2- Not used
- 3- Optical pre-amp output
- 4- Not used
- 5- Tape input
- 6- Not used
- 7- Slave projector photocell input ground
- 8- Master projector photocell input hot lead
- 9- Not used
- 10- Shield
- 11- Fader pot wiper
- 12- Fader pot
- 13- Not used
- 14- Slave projector photocell input hot lead

100K  
Master  
Volume  
Control

Shield



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OUTPUT:

- 1 & 2- Stage loudspeaker (blue wire)
- 3 & 4- Monitor speaker (black wires)
- 5- Not used
- 6 & 7- Power input, 120vac (white wire)
- 8 & 9- Stage Loudspeaker (white wire) GROUND
- 10- Shield
- 11- Black pot wiper
- 12- red monitor pot
- 13 & 14- Power input, 120vac (black wire)

25K  
Monitor  
Volume  
Control

Shield      black      red

