

**PORTADYNE  
JUBILEE YEAR 5-V.  
B. SUPERHET.**

**Service Notes**

**Valve Combination.**

- V1—Octode Frequency Changer: Mullard F.C2.
- V2—Intermediate Frequency Amplifier: Mullard VP2.
- V3—Double-diode-triode: Mullard TDD2A.
- V4—Driver: Mullard PM2DX.
- V5—Class "B" Output: Mullard PM2B.

**Anode Voltages and Currents.**

- V1—Anode Volts: 120V.  
Anode Current: 2.5mA.  
Screen Volts: 55V.
- V2—Anode Volts: 120V.  
Anode Current: 2.5mA.
- V3—Anode Volts: 75V.  
Anode Current: 0.75mA.
- V4—Anode Volts: 120V.  
Anode Current: 2.0mA.
- V5—Anode Volts: 120V.  
Anode Current (when no signal is being received): 1.75mA.

**Removing Chassis.**

Remove all knobs by slackening grub screws. Unsolder the flexible leads from the pilot lamp switch at the base of the cabinet. Unscrew the four chassis bolts underneath the cabinet. The chassis can now be withdrawn sufficiently for a general inspection. If it is necessary to remove the chassis entirely, it will be necessary also to unsolder the speaker leads.

When replacing chassis, the leads to the pilot lamp switch must first be threaded through their respective holes.

**PYE SE/U**

(Continued from page 18)

- V2—  
F.C. Anode Volts 240  
F.C. Anode Current 4.6 mA.  
F.C. Screen Volts 200  
F.C. Screen Current 2.0 mA.  
Osc. Anode Volts:  
Radio ... 80  
Gram. ... 104  
Osc. Anode Current:  
Radio ... 1.5 mA.  
Gram. ... 1.5 mA.

- V3—  
Anode Volts ... 240  
Anode Current ... 5.8 mA.  
Screen Volts ... 200  
Screen Current ... 2.0 mA.

- V4—  
Anode Volts ... 190  
Anode Current ... 37 mA.  
Aux. Grid Volts ... 220  
Aux. Grid Current 8.5 mA.  
Power Consumption 77 watt.

**Intermediate Frequency**  
127 kC.

