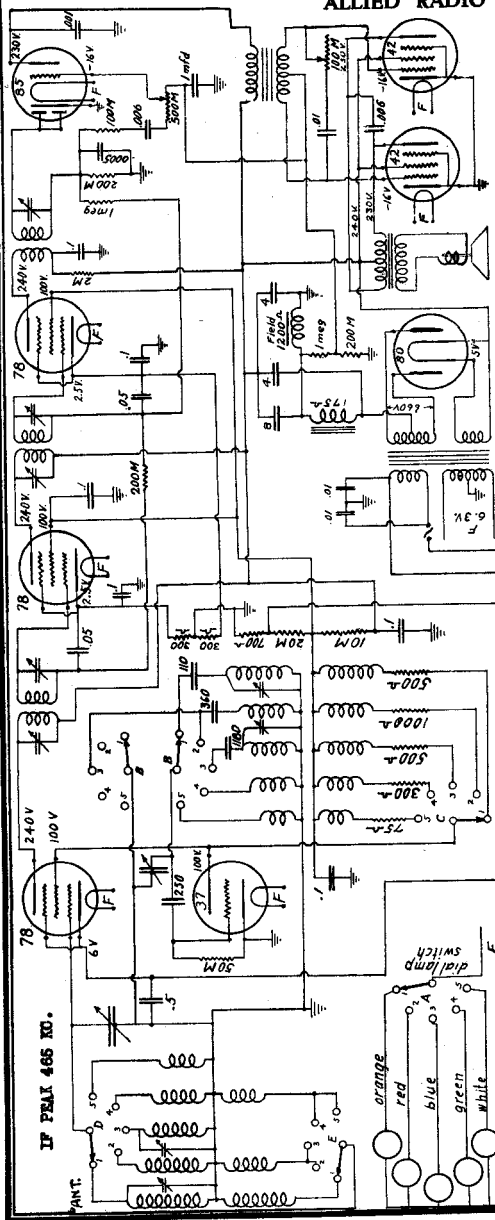


Allied Radio Corp.

Allied Radio Corp.			
	Model: F 9531	Chassis:	Year: Pre October 1934
	Power:	Circuit:	IF:
	Tubes:		
	Bands:		
Resources			
Riders 5 (V) ALLIED 5-5			

MODEL F-9531, F-9591
Schematic Alignment



The built-in aerial at the back of the set usually gives satisfactory sensitivity when stretched around the edge of the floor or along the picture moulding of the room. A good outside aerial connected to the built-in aerial sometimes increases sensitivity. Power noise interferes especially with short-wave reception. If set is located where power noise is prevalent it may be necessary to install an aerial high above the street level. A dealer can supply such an aerial and use a "transposition" lead-in to the set. Any radio dealer can supply such an aerial with full instructions for installing.

CONTROL KNOBS:

The lower middle knob is for selecting the various frequency bands as indicated on the dial. The upper middle knob is tuning control. The right-hand knob is power switch and volume control and the left-hand knob is tone control.

АНД АУШИНЕ КОНТОР А ИНДОНЕЗИЈА:

PHONOGRAPH II.
Mount a single pole toggle switch and two insulated pin jacks in the rear of the chassis near the tube socket marked "85," connect one side of the switch to one pin jack, the remaining pin jack to one outside terminal of the volume control and the remaining switch terminal to the other outside terminal of the volume control. Plug the phono input pickup leads into the pin jacks.

SERVICE NOTES:

The intermediate stages are carefully phased to 485 kilocycles at the factory. Should it be necessary to retune them, the following procedure may be used:

To replace the oscillator, feed a 436 kilocycle signal from a test oscillator to the grid of the oscillator tube marked "78," located at the rear end of the tuning condenser, then tap off the output of the tube trimmers in the top of the coil as nearest this tube, also the single trimmer in the top of the coil can near the "93" tube, to lowest volume, being sure to keep the oscillator signal at a low volume level. In trimming the frequency bands, first tune the dial to the third group of figures from the right-hand end. Trim the "red" band first by adjusting the trimmers on the top of the tuning condenser until signal of the first

[illegible]

NOTE: Should it be necessary to write to the factory for parts or information, always give the serial number of the set as stamped on the back of the chassis.

SHORT WAVE TIPS:

In listening for short-wave broadcasts DON'T forget to consider the difference in time between the location of the broadcaster and the receiver. DON'T expect to hear a station that is located in the United States at 10:00 a.m. if you are in Europe. DON'T expect to hear stations that are discouraged by reception in your one night; it may be fine the next. DON'T expect stations to tune broadly; most stations tune sharply. DON'T tune below 10,000 kilocycles (above 30 meters) for dissatisfied stations. DON'T expect to find a station that is not on the dial. Short-wave stations are widely represented, except in a few instances. DON'T skim over the dial. It requires some knowledge of tuning to find the stations you want. DON'T pause up any weak signals; if they may come back, be prompt in striving for careful tuning.