

SPR-110LX Super Pro Communication Receiver



The Hammarlund Super Pro SP-110L series was a family of low frequency variant of the SP-110. Depending upon the customer needs, one or two low frequency bands replaced one or two broadcast or sw bands. This sample has the following frequency coverage over five tuning ranges:

100-200 kHz, 200-400 kHz, 2.5-5.0 MHz, 5-10 MHz, 10-20 MHz

Other band choices were also offered, such as 150-300 kHz, 540-1160 kHz, 1160-2500 kHz, 2.5-5.0 MHz, 5.0-20 MHz.

Introduced around 1937, its design was the classic single-conversion superheterodyne with two RF amplifying stages. Variable coupling IF transformers for 3 to 16 KHz bandwidth. Push-pull audio amplifier. Very high quality components were used in this top class receiver advertised in [Electronics, January 1938](#).

Two RF amplifiers, 465 kHz IF with continuously variable bandwidth. The X suffix indicates the presence of the optional crystal filter. The R in the prefix indicates the rack mounting version.

14 vacuum tubes were used in the receiver, plus two rectifiers in the external power supply: 6K7, 6K7, 6L7, 6J7, 6D6, 6D6, 6D6, 6B7, 6C6, 6B7, 6C5, 6F6, 6F6, 6F6, 5Z3, 80. [User and service manual](#) available here.

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