

MINIPHASE

M1 - A

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- Selettività > 20 dB/kHz!
- 6 tubi + 4 diodi + rett. selenio.
- Il migliore rivelatore a prodotto esistente: 7360 a deflessione elettrostatica.
- BFO alta stabilità.
- Il migliore CAV: « Hang » derivato dall'audio.
- Circuito stampato
- Scelta bande lat. a pulsante.
- S-meter, noise limiter, altop. e alim. incorporati.
- Preleva il segnale dalla catena MF dell'RX.
- Nessuna messa a punto.
- Pronto per controllo VOX.
- Per l'auto-costruttore: precedendolo con stadi RF e Mix. si realizza un professionale di alta classe.

miniphase

il SVZ - ROMA - Via Dall'Ongaro, 81 - Telefono 500.827

Trasforma il Vostro RX in un
Professionale di alta classe

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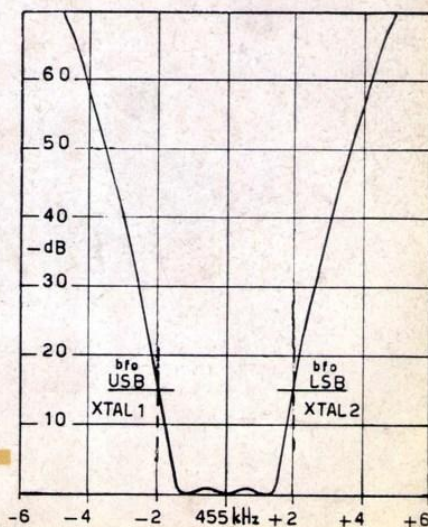
adattatore AM - CW - SSB
con filtro meccanico

Lire 87.000

sconto eccezionale agli OM

solo filtro meccanico 455 kHz

L. 29.500



The M1-A Adapter

- ⊙ Output: 3,7 W AF, d 10%.
- ⊙ Input: 455 IF signal, 30 mV/3 V amplitude.
- ⊙ Mechanical filter of latest improved design.
- ⊙ Selectivity: better than 20 dB/Kc.
- ⊙ Spurious responses outside passband: at least 75 dB down.
- ⊙ Printed circuit for top long term stability.
- ⊙ Additive detector of latest design with beam deflection tube. Intermodulation products at least 40 dB down. Insensible to AM signals.
- ⊙ Push-button sideband switch for USB - LSB - AM.
- ⊙ High stability Clapp BFO with adjustable pitch.
- ⊙ Audio derived AGC with diode gate.
- ⊙ Full wave audio limiter.
- ⊙ S-meter functions on AM - CW - SSB with or without BFO.
- ⊙ Complete with output AF power stage, loud-speaker and power supply.
- ⊙ Terminals for external speaker, VOX, muting at rear chassis.



- ⊙ Tubes used: 6BA6 1st IF; 6BA6 2nd IF; 7360 sheet beam additive detector and BFO; 0A85 BFO limiter; 0A85 AM det.; 2 x 0A85 noise limiter; 12AT7 Audio and AGC ampl., 6AL5 AGC gate and rect.; 6BQ5 power ampl., selenium rect. power pack.
- ⊙ Power consumption: 30 W abt. (110 to 220 V ac.).
- ⊙ Size: W 276 mm. (10" 7/8) - H 194 mm. (7" 5/8) D 241 mm. (9" 1/2).
- ⊙ Weight: 15 lbs. abt. (7 kg.).

The M1-A adapter can be added to all communication sets having an IF of 445 Kc. No modification work or returning is necessary. For experiment-minded amateurs it makes a splendid foundation unit for building the « dream » receiver: use it with your own RF stages and 1st mixer.

You haven't **really** heard your receiver until you hear it on the M1-A adapter

The Miniphase mod. **M1-A** adapter with mechanical filter can be easily hooked up to your present receiver to give you reception which you never dreamed possible before. If you are not entirely satisfied with your own receiver, try it on the **M1-A**: you will be proud to have an high quality receiving equipment which performs like — or even better than — the most expensive RX on the market today.

SSB Truly superlative SSB reception — far better than the so-called SSB built into many of today's expensive receivers. The **M1-A** rejects the unwanted sideband by 55 dB or more; a flat-topped mechanical filter with extreme skirt selectivity does the job. The **M1-A** cannot overload: it has a very efficient audio derived AGC of the "hang" type; SSB demodulation is accomplished by driving the deflecting electrode of the famous 7360 sheet beam tube. Intermodulation products are held more than 40 dB down; the **M1-A** just does not respond to AM signals when set for SSB reception!

AM The selectivity characteristic of the **M1-A** effectively increases the signal-to-noise ratio of your present receiver, resulting in a better overall sensitivity; it is many times more effective than crystal selectivity: QRM just disappears. No more troubles from adjacent channel splatters. You may choose either sideband of an AM station and still read the signal without attenuation.

CW The **M1-A** provides true single-signal operation: you just cannot find the other side of the zero beat. A fast attack, slow decay audio AGC gives a stable S-meter indication even on CW. The built in noise limiter is also an efficient audio compressor that protects your ears from statics and clicks.

