



SOMMERKAMP®

SOMMERKAMP ELECTRONIC SAS

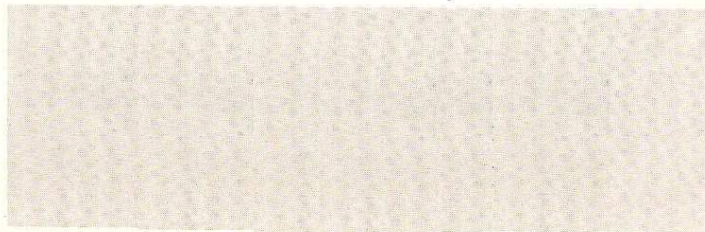
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..... and if you do not have an Amateur Radio Licence, don't forget that you can easily get a Licence for 11 Meters - - - often, only a simple registration of your set is required. We'll willingly send you straight away



complete information on our very wide range of 11 Metre AM hand-held portables, AM/SSB Mobiles and Base Stations. Please contact us directly, or through one of our dealers.

Many years ago it was a sensation when two Radio Amateurs spanned the Atlantic with wireless communication; but today it is a normal occurrence for Radio Amateurs to communicate with each other over vast distances. Everyday one can hear Radio Amateurs, whether they be at home, in their cars or on their boats, discussing the weather with Australian fellow Amateurs, exchanging family news with Hawaii, talking to a yacht in the Pacific, or chatting about hobbies with Central-Africa! With additional equipment pictures and teletype signals can be exchanged, SOMMERKAMP SSB transceivers

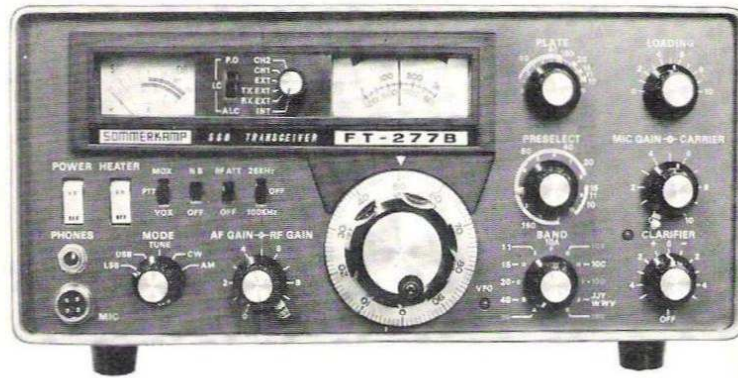
are the most popular Amateur transceivers in Europe because of their wide range of SSB equipment and their very favourable prices. SOMMERKAMP SSB equipment has also largely contributed to the spread in the use of SSB communication.

What great fun it can be to chat to a friend hundreds or thousands of kilometers away about the weather or mutual interests!

Have a try - buy the cheapest receiver and be astonished at what interesting things hundreds of thousands of Radio Amateurs talk about!



SOMMERKAMP®



SOMMERKAMP FT 277 B *Amateur Band Transceiver*

Fully transistorised, except for driver and PA, this very compact transceiver covers all the H.F. Amateur Bands, as well as 11 Meters CB as standard. It is easy to see why this is one of the best-selling transceivers in the world - just look at the specifications:

Frequency Ranges:
1.5- 2.0 MHz 160 m
3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
27.0- 27.5 MHz 11 m
28.0- 30.0 MHz 10 m
10.0- 10.5 MHz WWV (RX only)

Operating Modes:
SSB Switchable Sidebands
CW
AM Sideband plus carrier

Input Power:
SSB 240 W PEP
CW 180 W
AM 80 W

Receiver Sensitivity:
0.5 uV 10dB s/N

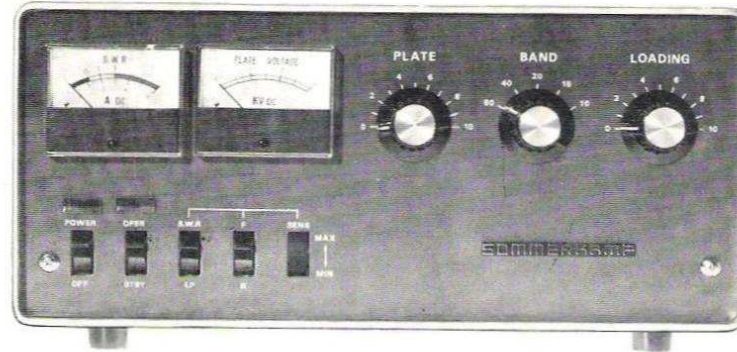
Selectivity:
SSB Filter 2.3 KHz at -6 dB
CW Filter 600 Hz at -6 dB *
Built-in DC (12 V) and AC (110-240 V) Power supplies; Internal speaker, cooling fan, MOX, VOX, PTT, Clarifier, 25/100 KHz calibrator, noise blander and switching for a 2m transverter.
Dimensions: 340 x 155 x 285 mm
Weight: 15 kg

Accessories Available:
FV277 External VFO
SP277 External Speaker
SP277 P Phone Patch unit
FT 277 CWB CW Filter

*optional



SOMMERKAMP®



SOMMERKAMP FL 2277 *Linear Amplifier*

The FL 2277 uses two of the rugged 572 B commercial tubes (operating in class B grounded and configuration), which are force air cooled by two powerful quiet running fans. The linear can be driven by any transceiver that has a spare relay contact, however it matches the FT 277 B very well in appearance, forming with that transceiver a powerful combination.

Frequency Range
Amateur Bands 80-10 m

Power Input
SSB 1.2 KW PEP
CW 1.0 KW
AM/RTTY 600 W

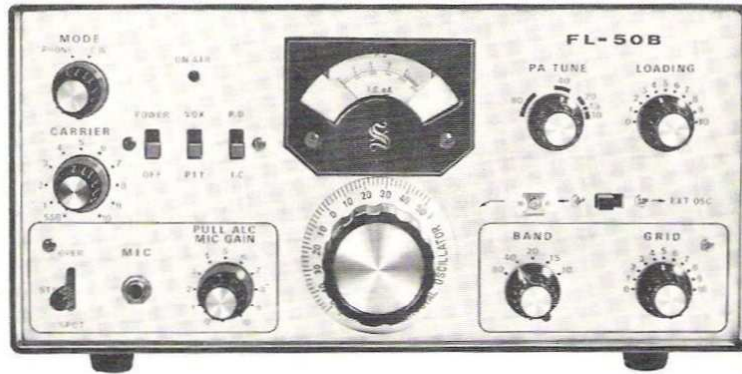
Drive power required
max. 100 W PEP

Built-in 110-240 V Power Supply with continuous H.T. voltage monitoring.

Built-in SWR Bridge
Exciter - only operation in Standby position
ALC protection against over driving
Solid r.f. screening suppresses T.V.I.
Dimensions: 380 x 160 x 290 mm
Weight: 20 kg



SOMMERKAMP®



SOMMERKAMP FL 50 B

Amateur H.F. Band Transmitter

The FL 50 B matches the FR 50 B receiver, and they go together very well to make a very good beginner's station or a versatile low power station for the Old Timer!

Frequency Ranges

3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
26.9- 27.5 MHz 11 m*
28.0- 29.2 MHz 10 m

Power Input

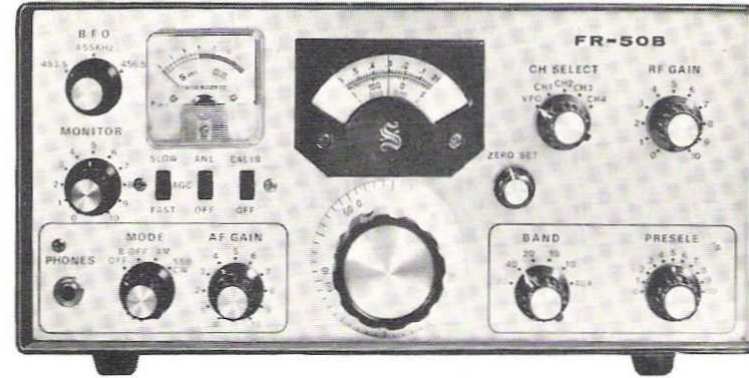
SSB CW 50 W PEP
AM 25 W

Output impedance 50 - 75 ohm
VFO derived from FR 50 B
Sideband Suppression at least 40 dB
Crystal filter exciter
PTT or break-in CW operation
Provision for VOX and fixed channel operation
Microphone input impedance
50 Kohm
Built-in mains supply 110 - 220 V
Dimensions: 335x150x260 mm
Weight: 7 kg

*optional



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SOMMERKAMP FR 50 B

Amateur H.F. Band Receiver

The FR 50 B was specially developed as a low cost, high quality receiver, having many of the features of the larger SOMMERKAMP equipments. Double superhet circuitry and a triode mixer assure good sensitivity on all bands.

Frequency Ranges

3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
26.9- 27.5 MHz 11 m
28.0- 29.2 MHz 10 m

Operating Modes

SSB CW AM RTTY

Receiver Sensitivity

SSB CW 0.5 uV 10 dB S/N
AM 1 uV 10 dB S/N

Selectivity

3.6 KHz at - 6 dB

Built in loudspeaker
Audio output 1.5 W into 4/600 ohms.
Double mechanical filter
Provision for 100 KHz calibrator and fixed channel operation
Easily connected to FL 50 B for transceive operation
Built in 110 - 220 volt power supply
Dimensions: 335x150x260 mm
Weight: 7 kg



SOMMERKAMP®



SOMMERKAMP FR 101 DL General Coverage Receiver

The wide frequency range of this receiver makes it ideal for Amateur, Broadcast and commercial listening on the short waves. A commercial quality and beautifully styled receiver with internal 2m and 6m * VHF converters and an exceptionally clear tuning dial.

Frequency Ranges Supplied:

1.5 - 2.0 MHz	160 m
3.5 - 4.0 MHz	80 m
4.5 - 5.0 MHz	60 m
7.0 - 7.5 MHz	40 m
9.5 - 10.0 MHz	31 m
11.5 - 12.0 MHz	25 m
14.0 - 14.5 MHz	20 m
15.0 - 15.5 MHz	19 m
17.5 - 18.0 MHz	16 m
21.0 - 21.5 MHz	15 m
21.5 - 22.0 MHz	13 m
25.5 - 26.0 MHz	11 m
27.0 - 27.5 MHz	CB
28.0 - 28.5 MHz	10 m
28.5 - 29.0 MHz	10 m
29.0 - 29.5 MHz	10 m
29.5 - 30.0 MHz	10 m

VHF: 6 metres *, 2 metres

Also provision for 4 additional 500 KHz H.F. ranges and 4 fixed frequency channels.

Operating modes:
SSB, CW, AM, FM, RTTY.

Sensitivity:
SSB, CW, 0.5 uV, 10 dB S/N
AM 1uV 10dB S/N
FM 1uV 12dB SINAD

Selectivity (Crystal Filters):
CW 600 Hz/6dB
1500 Hz/60dB
SSB 2.4 KHz/6dB
4 KHz/60dB
AM 6 KHz/6dB
12 KHz/60dB
FM 20 KHz/6dB
45 KHz/60dB

Built-in 110 - 240 V Power Supply
Dimensions: 340 x 155 x 285 mm
Weight: 10 kg

*6m optional



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SOMMERKAMP FL 101 Amateur Band Transmitter

The transmitter matches the FR 101 Receiver, and with the FL 2277 Linear Amplifier, they form together a most outstanding amateur station of very attractive design, first class performance and exceptional versatility.

Frequency Ranges:

1.5 - 2.0 MHz	160 m
3.5 - 4.0 MHz	80 m
7.0 - 7.5 MHz	40 m
14.0 - 14.5 MHz	20 m
21.0 - 21.5 MHz	15 m
28.0 - 30.0* MHz	10 m

Operating Modes:
SSB 260 W PEP

*28.0 - 28.5 MHz and 29.0 - 30.0 MHz optional

Output Impedance 50-100 Ohm
Microphone impedance suitable for YD 844 for best speech quality.
Easily connected for transceive operation with the FR 101
VOX-PTT-CW break-in operation
VOX controls are on the front panel
'Spot'-button for netting and fixed channel provided.
Built-in mains supply for 110 - 240 V.
Dimensions: 340 x 155 x 285 mm
Weight: 13 kg



SOMMERKAMP®



SOMMERKAMP FT 201 Amateur Band Transceiver

The latest transceiver in the SOMMERKAMP range, with many new exciting features, including an ultra-clear frequency dial. The built-in AC and DC power supplies make this transceiver very practical for mobile or fixed station operation.

Frequency Ranges:
3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
28.0- 30.0 MHz 10 m
10.0- 10.5 MHz WWV (RX only)

Operating Modes:
SSB Switchable Sidebands
CW
AM Sideband plus carrier

Input Power:
SSB 240 W PEP
CW 180 W
AM 80 W

Receiver Sensitivity:
0.5 uV 10db s/N

Selectivity:
SSB Filter 2.3 KHz at - 6 dB
CW Filter 600 Hz at - 6 dB *
Built-in DC (12 V) and AC (110-240 V) power supplies;
Internal speaker, cooling fan, MOX, VOX, PTT operation.
Clarifier and 25 KHz calibrator.
Noise Blanker and switching for a 2 m transvertor.
Front Panel r.f. attenuator and vox controls.
Provision for fixed channel operation.
LEDs used for front panel indications.
Stylish cabinet design.
Dimensions: 340 x 150 x 285 mm
Weight: 15 kg

Accessories Available:
FV201 External VFO
SP201 External Speaker
SP201 P Phone Patch Unit
FT 201 CWB CW Filter

* optional



SOMMERKAMP®



SOMMERKAMP FT 501 DIGITAL

Amateur Band Transceiver with Digital Frequency Readout. A really first class high power transceiver using up-to-date techniques throughout. Read your frequency to within a tenth of a KHz!

Frequency Range:
3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
28.0- 28.5 MHz 10 m *
28.5- 29.0 MHz 10 m
29.0- 29.5 MHz 10 m *
29.5- 30.0 MHz 10 m *

Operating Modes:
SSB (Switchable Sideband)
CW

Input Power:
SSB 560 W PEP
CW 430 W

Receiver Sensitivity:
0,5 uV 20 dB S/N

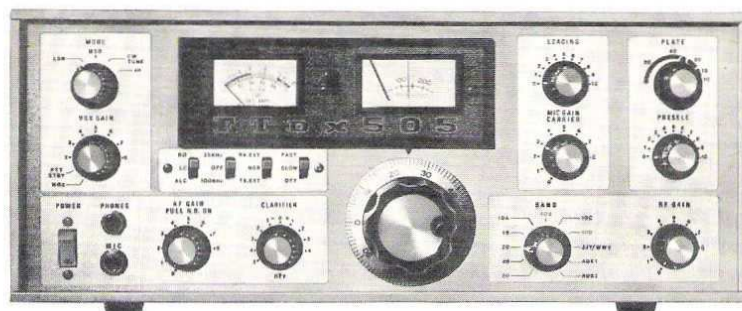
Selectivity:
SSB 2,4 KHz at - 6 dB
CW 600 Hz at - 6 dB *
Eight pole lattice crystal filter.
Frequency readout to 100 Hz.
Internal speaker, clarifier, switchable AGC.
MOX - VOX - PTT and CW break-in operation.
Noise blanker and calibrator fitted as standard.
Provision for 2m transvertor operation.
Forced air cooling to ensure long tube life.
Output impedance 50-100 Ohm.
Dimensions: 350 x 160 x 292 mm
Weight: 17.5 kg

Accessories:
FP 501 Mains (110-240 V)
Supply with loudspeaker in matching case.
600 Hz CW Filter

* optional



SOMMERKAMP®



SOMMERKAMP FT DX 505 *Amateur Band Transceiver*

The FT DX 505 is unquestionably one of the finest and most compact high power transceivers on the market today. A complete, versatile, highpower station all in one box! Just connect the mains, the microphone (we recommend the YD 844 for best speech quality), the antenna and you're on the air with 560 watts. CW Filter, WWV on 10 MHz and Citizens Band (27.0-27.5 MHz) fitted as standard.

Frequency Ranges:
3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
27.0- 27.5 MHz 11 m
28.0- 30.0 MHz 10 m
10.0- 10.5 MHz WWV (RX only)

Operating Modes:
SSB 560 W PEP
CW 500 W
AM 150 W

Receiver Sensitivity:
0.5 uV for 20 dB S/N

Filter Responses (Crystal Filters):

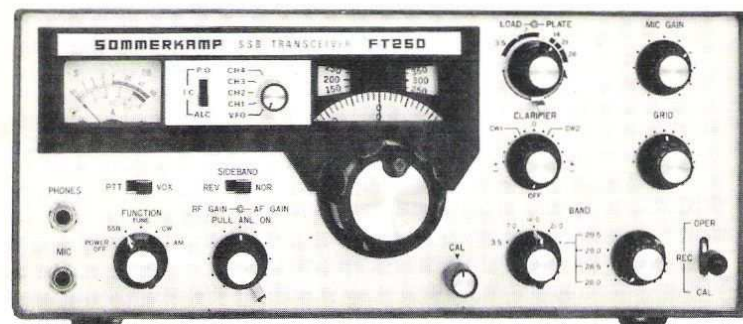
SSB 2.4 KHz at -6 dB
4.2 KHz at -60 dB
CW 600 Hz at -6 dB
1200 Hz at -60 dB
Provision for two further 500 KHz transceiver bands.
Audio output: 5W into 8/600 ohm.
Transmitter output: 50-100 ohm.
Linear FET VFO. Cooling Fan and calibrator standard.
110-240 V mains supply.
Dimensions: 400 x 160 x 350 mm
Weight: 18 kg

SOMMERKAMP SP 401
Matching loudspeaker for the FT DX 505

SOMMERKAMP FV 401
External VFO for use with the FT DX 505 to give you the extra versatility of split frequency. « Split Frequency » is a must for any serious DXer, particularly on 40 and 80 meters.



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SOMMERKAMP FT 250 *Amateur H.F. Band Transceiver*

The use of a 9 MHz I.F. in this transceiver results in excellent image rejection and cross modulation characteristics on receive, as well as a very crisp and clear SSB signal on transmit. Suitable for mobile or fixed station use with the accessory power supplies.

Frequency Ranges
3.5- 4.0 MHz 80 m
7.0- 7.5 MHz 40 m
14.0- 14.5 MHz 20 m
21.0- 21.5 MHz 15 m
28.0- 28.5 MHz 10 m *
28.5- 29.0 MHz 10 m *
29.0- 29.5 MHz 10 m *
29.5- 30.0 MHz 10 m *
or 27.0- 27.5 MHz 11 m *

Operating Modes
SSB (Switchable sidebands)
CW
AM (Sideband plus carrier)

Power Input
SSB 240 W PEP
CW 180 W
AM 80 W

Receiver Sensitivity
0.5 uV at 10 dB S/N

Selectivity
SSB 2.3 KHz at -6 dB Crystal Filter
MOX - VOX - PTT operation
Break-in CW operation and sidetone
Effective Noise Limiter
Dimensions: 335 x 140 x 280
Weight: 8 kg

* optional

SOMMERKAMP FV 250
An elegant external VFO suitable for the FT 250, to allow for « split frequency » operation which is a must for any serious DX-er.

SOMMERKAMP FP 250
Mains supply for fix station use of your FT 250, with built-in loudspeaker in matching cabinet.
110-220 V

SOMMERKAMP DC 250
Mobile 12 volt DC supply for mobile operation with the FT 250



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SOMMERKAMP FT 220

2 Meter SSB, CW, FM Transceiver

This new Transceiver is the latest thing in communication on 2 metres, by any mode, direct or via a repeater, fixed or mobile; this is a really versatile self-contained multimode transceiver for 2 meters. All the facilities of a good H.F. transceiver on a 2 meter transceiver, including 1 KHz readout!

Frequency Range:
144-146 MHz

Operating Modes:
SSB, CW, FM

Power Output:
10 W on all modes

Output Impedance:
52 Ohm

Receiver Sensitivity:
CW/SSB 0.1uV 10 dB S/N
FM 0.4uV 20dB S/N

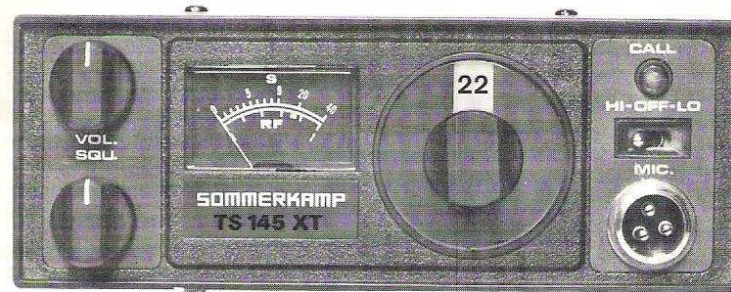
Selectivity:

CW/SSB 2.4 KHz 6dB
FM 16 KHz 3dB

Linear VFO with 1 KHz readout (4 ranges).
Spurious outputs less than 60 dB.
Audio output 2 W into 4 Ohm.
Frequency clarifier.
Provision for operation on 4 fixed channels.
Internal speaker and calling tone for repeaters.
MOX-VOX-PTT and CW break-in operation.
Self-contained AC 110 - 240 V and DC 12V power supplies.
For mobile operation consumption is 3A on transmit and 0.6 A on receive.
Dimensions: 280 x 125 x 295 mm
Weight: 8.5 kg



SOMMERKAMP®



SOMMERKAMP TS 145 XT

VHF 2 Meter Transceiver

This is a 22 channel VHF FM Transceiver for fixed or mobile operation; the transceiver fits easily into any vehicle. Rugged mechanical construction and up to date circuitry used throughout.

Frequencies provided:
145.0 144.48 144.60
(with provision for up to 22 channels in the 144-148 MHz range).

Transmitter Power:
Switchable 1 or 10 Watts.

Receiver:
Sensitivity better than 0.4 uV for 20 dB quieting.
Audio output 1.5 Watts in 8 Ohm.
Deviation and Mike Gain separately adjustable.
S-Meter for received signal strengths and output monitoring included.
Provision for 1750 Hz Tone Call System with Memory Lamp.
Individual Crystal Trimmers for precise frequency adjustment.
Hand-held microphone and mounting accessories included.

Easily and rapidly mounted in a vehicle for mobile operation by use of a snap-clip system.

Internal 12 V DC supply.
Consumption on TX: 1.2/2.1 A
RX: 0.2 A

Dimensions: 155 x 55 x 210 mm
Weight: 2.2 kg.



SOMMERKAMP®



SOMMERKAMP YO 100 *Monitor Scope*

Now, you, too, can maintain the cleaner sounding signal on the band with the YO 100 Monitor Scope. Compatible with virtually any transmitter or transceiver, the YO 100 features wide range inputs for all mode monitoring — even on RTTY. A built-in 1500/1900 Hz tone generator adds to the versatility of this station accessory. A full compliment of front panel controls allows operator control of all key adjustments.

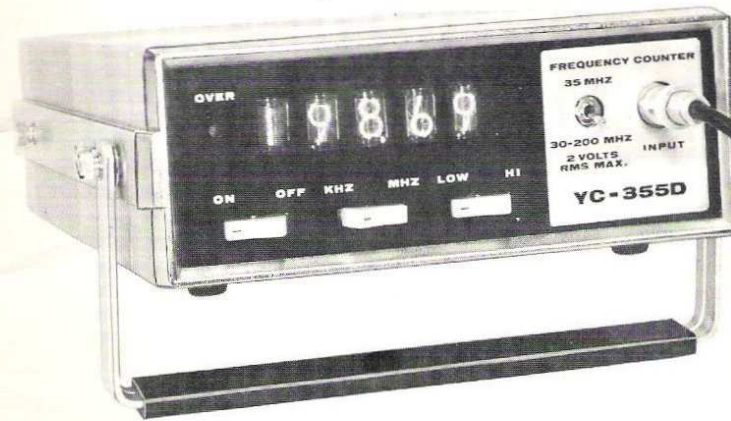
Vertical Sensitivity: 200 mV p-p/cm.
Horizontal Sensitivity: 300 mV/cm.
Vertical response: 10 Hz to 40KHz
3dB 318KHz (455 KHz or 9 MHz inputs optional).
Input Impedance: 500 K ohm.
Sweep frequency: 10 Hz to 16KHz.

Two tone generator:

Frequency: 1500 Hz and 1900 Hz.
Output level: 50 mV.
Power Requirements: 100 /110/117/
200/234 VAC 50/60 Hz.
Dimensions: 210 x 150 x 290 mm
Weight: 6 kg.



SOMMERKAMP®



SOMMERKAMP YC 355 D *Digital Frequency Counter*

A frequency counter once used, becomes indispensable. This counter can be used for low audio frequency measurements up to 200 MHz. By use of a dual counting system the 5 digit display can be read to 8 digit accuracy. By switching from the MHz range to the KHz range, an 8 digit readout is obtained.

Frequency Range:
5 Hz - 200 MHz

Input Voltage Limits:
20mV - 20 V p-p continuous.
60 V p.p for 10 secs.

Input Impedance:
HI=1 Mohm LO=50 Ohm

Input Capacitance:
less than 20 pF

Timebase:
1 MHz crystal controlled

Stability:
0.0025% (0-40° C)

Built-in AC (110 - 220 V) and DC (12 - 14.5V, 1A) supplies 26 ICs, 7 transistors, 1 F.E.T., 10 diodes.
Dimensions: 220 x 80 x 270 mm
Weight: 3.5 kg