



HF/50 MHz ALL BAND 1 kW LINEAR AMPLIFIER

IC-PW1 IC-PW1EURO



• Controller attached



The power you need... to succeed!

Wide frequency coverage with 1 kW output*

All HF bands plus the 50 MHz band are covered. The IC-PW1/EURO provides a stable, clean and low distortion 1 kW from 1.8 MHz to 50 MHz*. In addition, full duty cycle (even during more demanding RTTY or SSTV operation) and full break-in operation are possible. Great for DX'peditions or contest operation.

*Guaranteed within amateur bands only.

Wide ALC adjustable range

Internal circuitry allows the ALC to be adjusted over a wide range. This means that the IC-PW1/EURO can be used with almost any HF, 6 m or HF/6 m rigs—not only Icom rigs*!

*Ask your dealer about usable exciters.

Compact body

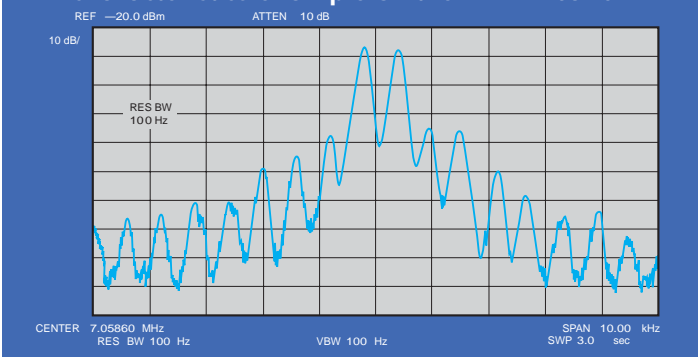
Dimensions, including amplifier, power supply, tuner and controller, are only 350(H) × 269(W) × 378(D) mm*. And, because the controller is detachable, the IC-PW1/EURO can be installed almost anywhere in your shack.

*6²⁵/₃₂(H) × 2²⁵/₃₂(W) × 9¹/₁₆ in.

Other outstanding features...

- Output antennas are selectable from exciters (Icom transceivers only), even when the power of the IC-PW1/EURO is off
- Automatic AC input voltage selector is employed
- Current (I_b), Voltage (V_o), temperature, SWR and output power protectors are available
- Automatic antenna tuner built-in

IMD characteristics example on the 7 MHz band



Icom Inc.

SPECIFICATIONS

GENERAL

- Frequency coverage (MHz):

1.800– 1.999	3.500– 3.999
7.000– 7.300	10.100– 10.150
14.000– 14.350	18.068– 18.168
21.000– 21.450	24.890– 24.990*
28.000– 29.700*	50.000– 54.000

*The U.S.A. version can only be used the antenna tuner on the 24–28 MHz bands.
- Power supply requirements: 180–264 V AC or 90–132 V AC (single-phase; 50/60 Hz)
- Current drain: Less than 15 A (max. output at 200 V)
Less than 20 A (max. output at 100 V)
- Usable temperature range: –10°C to +40°C; +14°F to +104°F
- Duty cycle: Full duty
- Input connector: SO-239 × 2 (50 Ω)
- Output connector: SO-239 × 4 (50 Ω)

LINEAR AMPLIFIER

- Output power:

AC Input	180–264 V AC	90–132 V AC
CW, RTTY	1 kW	500 W
SSB	1 kW PEP	500 W PEP
- Driving power: Max. 100 W
- Spurious emissions: Less than –60 dB (HF bands)
Less than –70 dB (50 MHz)

ANTENNA TUNER

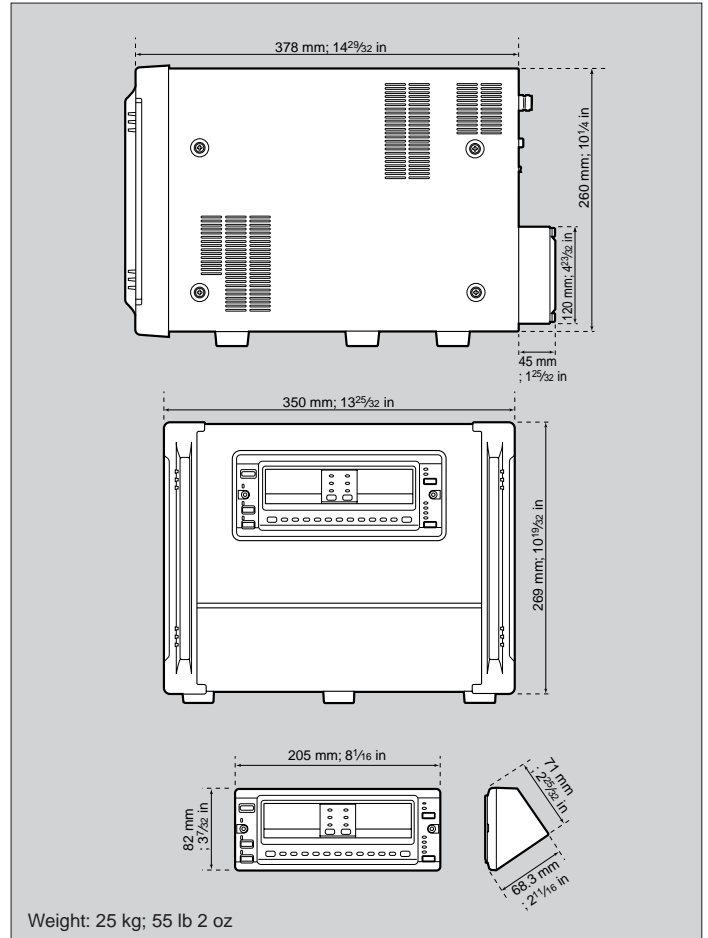
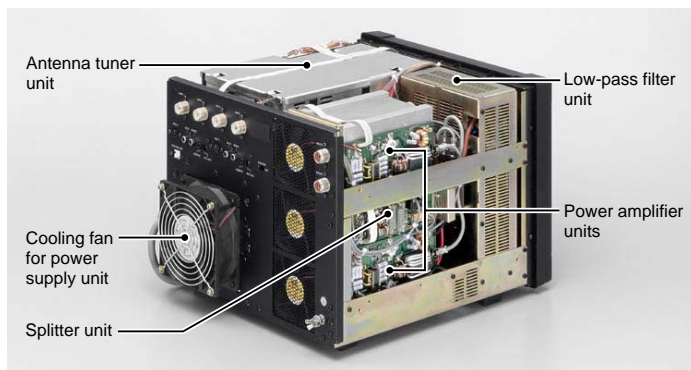
- Output matching range: 16.7 Ω to 150 Ω (HF bands) (tuner switch ON)
20.0 Ω to 125 Ω (50 MHz)
- Auto tuning accuracy: VSWR 1.5:1 or less
- Min. required input power: 60 W
- Insertion loss: Less than 1 dB (after tuning)

Supplied accessories:

- Controller separation cable
- Coaxial cable with PL-259 plugs
- ACC cables

All stated specifications are subject to change without notice or obligation.

INTERNAL VIEW



PA UNIT



Les spécifications et informations données dans ce document peuvent être modifiées sans préavis.

ICOM FRANCE
Zac de la Plaine - 1, Rue Brindejonc des Moulinais
BP 45804 - 31505 TOULOUSE CEDEX 5
Tél : 05 61 36 03 03 - Fax : 05 61 36 03 00
WEB ICOM : <http://www.icom-france.com>
E-mail : icom@icom-france.com



CACHET REVENDEUR

