

# IC-PW1 IC-PW1EURO



## 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.

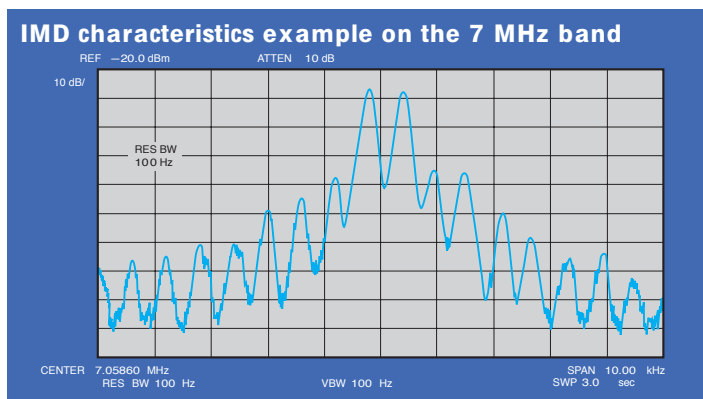
### Compact body

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.

\*6<sup>25</sup>/<sub>32</sub>(H) × 2<sup>25</sup>/<sub>32</sub>(W) × 9<sup>1</sup>/<sub>16</sub> 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<sub>b</sub>), Voltage (V<sub>o</sub>), temperature, SWR and output power protectors are available
- Automatic antenna tuner built-in



**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)

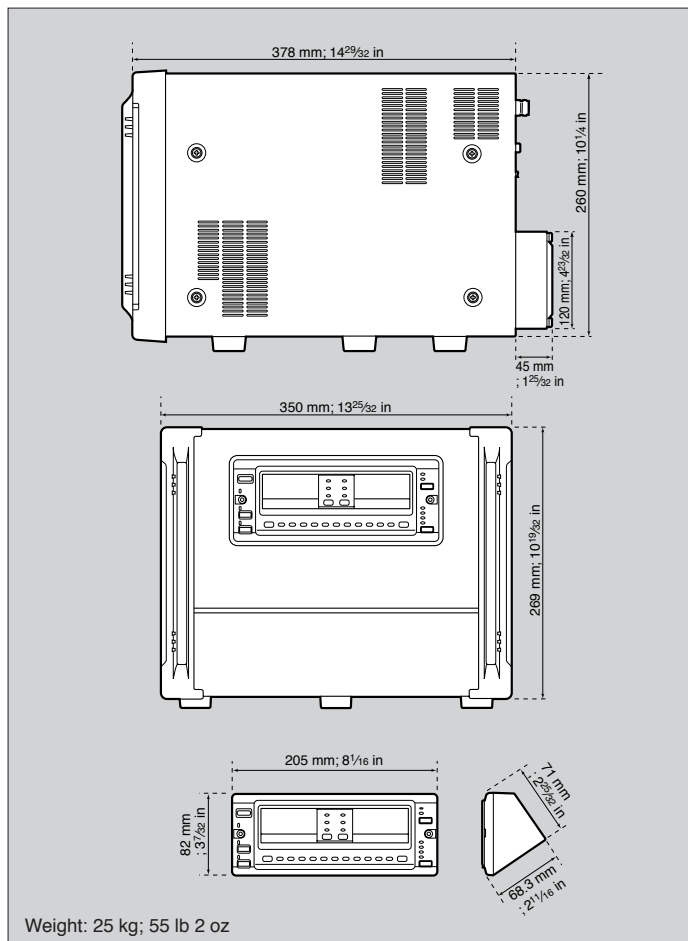
**ANTENNA TUNER**

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

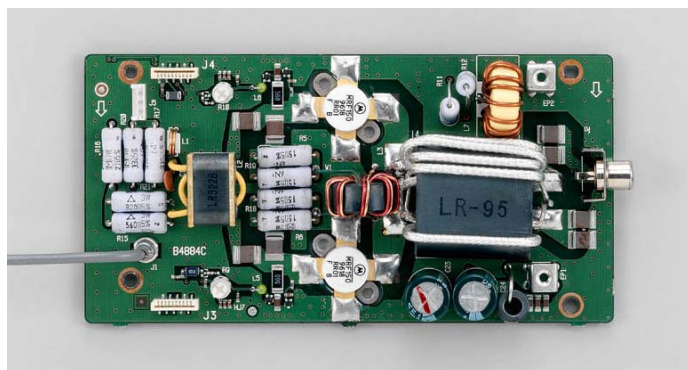
All stated specifications are subject to change without notice or obligation.



**INTERNAL VIEW**



**PA UNIT**



**Icom Inc.**

1-1-32, Kamiminami, Hirano-ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013 URL: <http://www.icom.co.jp/world/index.html>

**Count on us!**

**Icom America Inc.**

Glenwood Centre #150-6165 Highway 17, Delta, B.C., V4K 5B8, Canada  
 Phone : +1 (425) 454-8155  
 Fax : +1 (425) 454-1509  
 E-mail : [sales@icomamerica.com](mailto:sales@icomamerica.com)  
 URL : <http://www.icomamerica.com>

**Icom Canada**

Glenwood Centre #150-6165 Highway 17, Delta, B.C., V4K 5B8, Canada  
 Phone : +1 (604) 952-4266  
 Fax : +1 (604) 952-0090  
 E-mail : [info@icomcanada.com](mailto:info@icomcanada.com)  
 URL : <http://www.icomcanada.com>

**Icom (Australia) Pty. Ltd.**

A.B.N. 88 006 092 575  
 Unit 1 / 103 Garden Road, Clayton VIC 3168 Australia  
 Phone : +61 (03) 9549 7500  
 Fax : +61 (03) 9549 7505  
 E-mail : [sales@icom.net.au](mailto:sales@icom.net.au)

**Icom New Zealand**

146A Harris Road, East Tamaki, Auckland, New Zealand  
 Phone : +64 (09) 274 4062  
 Fax : +64 (09) 274 4708  
 E-mail : [inquiries@icom.co.nz](mailto:inquiries@icom.co.nz)  
 URL : <http://www.icom.co.nz>

**Icom (Europe) GmbH**

Communication Equipment Himmelgeister Str. 100, D-40225 Düsseldorf, Germany  
 Phone : +49 (0211) 346047  
 Fax : +49 (0211) 333639  
 E-mail : [info@icom-europe.com](mailto:info@icom-europe.com)  
 URL : <http://www.icomeurope.com>

**Icom Spain S.L.**

Ctra. Rubi, No. 88 "Edificio Can Castanyer" 08190, Sant Cugat del Valles, Barcelona, Spain  
 Phone : +34 (93) 590 26 70  
 Fax : +34 (93) 589 04 46  
 E-mail : [icom@icomspain.com](mailto:icom@icomspain.com)

**Icom (UK) Ltd.**

Unit 9, Sea St., Herne Bay, Kent, CT6 8LD, U.K.  
 Phone : +44 (01227) 741741  
 Fax : +44 (01227) 741742  
 E-mail : [info@icomuk.co.uk](mailto:info@icomuk.co.uk)  
 URL : <http://www.icomuk.co.uk>

**Icom France S.a**

Zac de la Plaine, 1, Rue Brindejonc des Moulins BP 5804, 31505 Toulouse Cedex, France  
 Phone : +33 (5) 61 36 03 03  
 Fax : +33 (5) 61 36 03 00  
 E-mail : [icom@icom-france.com](mailto:icom@icom-france.com)  
 URL : <http://www.icom-france.com>

**Icom Polska**

Sopot, 3 maja 54, Poland  
 Phone : +48 (58) 550 7135  
 Fax : +48 (58) 551 0484  
 E-mail : [icompolska@icompolska.com.pl](mailto:icompolska@icompolska.com.pl)  
 URL : <http://www.icompolska.com.pl>

**Asia Icom Inc.**

6F No. 68, Sec. 1 Cheng-Teh Road, Taipei, Taiwan, R.O.C.  
 Phone : +886 (02) 2559 1899  
 Fax : +886 (02) 2559 1874  
 E-mail : [sales@asia-icom.com](mailto:sales@asia-icom.com)  
 URL : <http://www.asia-icom.com>

**Beijing Icom Ltd.**

10C07, Long Silver Mansion, No.88, Yong Ding Road, Haidian District, Beijing, 100039, China  
 Phone : +86 (010) 5889 5391/5392/5393  
 Fax : +86 (010) 5889 5395  
 E-mail : [bjicom@bjicom.com](mailto:bjicom@bjicom.com)  
 URL : <http://www.bjicom.com>

Your local distributor/dealer:

