



# Electrocompaniet PD-1 £1,250

With or without the proprietary wireless link, this new addition to Electrocompaniet's range has us wired!

## DETAILS

**ORIGIN:**  
Norway

**WEIGHT:**  
4.3kg

**DIMENSIONS:**  
(WxHxD)  
420x50x340mm

### FEATURES:

• Digital inputs:  
two electrical S/  
PDIF (phono), one  
TOSLINK, one USB,  
one RF link

• Analogue outputs:  
one balanced (XLR),  
one unbalanced  
(phono), fixed level

• Maximum sample  
rate: 192kHz  
(USB 48kHz)

**DISTRIBUTOR:**  
EC Distribution

**TELEPHONE:**  
020 8893 5835

**WEBSITE:**  
electrocompaniet.no

**T**he only full-size hi-fi component in this group, the PD-1 has something even bigger to live up to in Electrocompaniet's reputation. It's a relatively new addition to the company's range, part of the 'Prelude' series and as such is relatively modest.

The specification is decent if not outstanding, with four digital inputs – two electrical and one optical S/PDIF plus USB. Oh, and RF. This is indeed something of a unique selling proposition, relying as it does on a proprietary radio link to hook up your PD-1 to a computer. You need to buy the optional EMS-1 adaptor (£300), which connects to your computer via USB and transmits the data onward (losslessly) to the PD-1.

It seems a little ungracious to point out that for less than £300 one could buy a netbook computer and use that, via the household's wireless network, to achieve the same result. Anyway, that's very much the nerd's solution. What's so attractive about the EMS-1 is that it really is a plug'n'go upgrade. At worst you may need to change channels but that's a screwdriver job and basically it's no more trouble than adding, say, a DAC to a system.

Inside, the main audio circuit board carries a good DAC chip and, like most these days, an asynchronous sample-rate convertor which carries out the first stage of digital filtering.

The analogue output, available in both balanced and unbalanced form, is driven by discrete transistors rather than the near-universal op-amps. Volume is adjustable, both from the front panel and the remote control and we found the touch-sensitive controls on the unit to be reliable and hassle-free.

## Sound quality

Our listening panel found lots of positive things to say about this model and, if anything, our sighted listening only added to the list. The PD-1 is one of those components that does best by doing least and it is admirably even-handed. This kind of performance, though, can sound slightly undramatic at first, but reading through our listeners' notes showed a clear trend of coming to terms with the sound throughout the test.

Even at the start, though, they found the bass particularly well presented, with both weight and tautness. What usually takes a little longer to register is the balance between detail and excitement, but Electrocompaniet seems to have cracked it rather well here.

Truly detailed sound requires a really 'calm' presentation, which can sometimes sound as if excitement has been smoothed out. But that's not the case at all and the proof here is the way the hairs on the back of the neck seem to stand up.



Certainly, by the final track in our audition of this DAC, our blind listeners were well aware of an excellent level of pace and attack, and also some impressive extension at the frequency extremes. The treble is completely free of any excess fizz or shrillness, but doesn't shirk from reproducing bright instruments when required.

If there's one area where the sound doesn't quite seem to carry the day it's the long-term dynamics, which seems a little tame at times. Otherwise, a most impressive result.

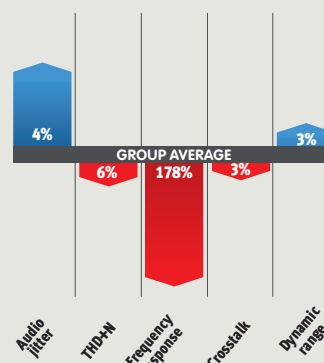
## TECH LABS

The PD1 really stands out with the higher rate 24-bit/96kHz audio, although doesn't improve on those figures with a 192kHz sample rate. It's low-frequency reproduction held up better than most of the group and the measured figure was seen above 16kHz. A sharp filter is employed just after 30kHz where the relative level has dropped below 7dB. This may introduce harmonics and reflection artefacts within the audible range.

The Electrocompaniet is another device with relatively high output and the crosstalk figure suffers for this, although when measured using higher resolution audio the figure and balance improved to -95.9 left to right and -95.9 right to left.

Dynamic range accommodates CD's 96dB and at higher bit and sample rate reached 115dB. Overall, the strength of the PD1 is surely in the close-matching channels, less than one per cent different on any one of our tests, which should protect against phase errors.

## RESULTS AT A GLANCE



## Hi-Fi Choice

### OUR VERDICT

#### SOUND QUALITY

★★★★★

#### VALUE FOR MONEY

★★★★★

#### BUILD QUALITY

★★★★★

#### FEATURES

★★★★★

#### OVERALL

★★★★★

**LIKE:** Very well balanced sound, with resolution and excitement both scoring highly

**DISLIKE:** Sound could be more dynamic; USB only good up to 48kHz

**WE SAY:** A fine DAC by any reckoning with useful features