



ELECTROCOMPANET

If music really matters™

MAESTRO



ALL IN ONE

HIGH PERFORMANCE AUDIO VIDEO SYSTEM

The Electrocompaniet story

At an AES conference in 1973, Dr. Matti Ojala presented a paper describing a distortion that he termed Transient Intermodulation (TIM). Attending this conference was Svein Erik Børja, a Norwegian record and broadcasting producer and a great audio enthusiast.

The seminar held by Dr. Ojala on TIM provided Svein Erik with an explanation of the audible imperfections he had experienced from audio amplifiers. Svein Erik Børja brought the AES papers to Electrocompaniet, and asked if we could make an amplifier based on Dr. Ojala's and Dr. Jan Lohstroh's theory. A few prototype amplifiers were made and the sound, compared to other transistor amplifiers, was encouraging.

But Svein Erik Børja, being the perfectionist he was, felt that this amplifier design approach had a greater potential. At that time we did not know too much about high-end audio designs. This gave an element of neutrality to our research, which we believe contributed to the amplifier's success. We consider our audio designers from that time to have been the first in what may be called the new "TIM-free" school.

The next 3 years went to further research and design improvement. During this time we had to develop a new "language" to translate what we were hearing, into practical design parameters (distortion, frequency response etc.) A new mathematical equation was developed to better describe the AC (music) characteristics of the transistor, rather than the normal DC characteristics.

The result of this work culminated in the launch of our first 2 x 25W unit, "The 2 Channel Audio Power Amplifier." The final approval came in 1976 when the American "bible", The Audio Critic magazine, tested the amplifier and wrote: "Audio freaks – eat your hearts out. This is the world's best sounding amplifier." Since these early days, Electrocompaniet's designs have been continually improved and our product range has steadily grown. Today we are represented in more than 40 countries worldwide and our products are considered to be among the very best in the audio industry.

The vision that drove us in the early days has stayed:

If music really matters™

MAESTRO ALL IN ONE

Amplifier, Blu-ray, CD, DVD, Tuner, Integrated ... everything...

Maestro from Electrocompaniet is our answer to the need for a compact integrated home entertainment centre delivering High-End performance.

With this product Electrocompaniet takes you one step further - and we hope to satisfy your every need for music and movie entertainment.

In the basic configuration Maestro has built-in three 120 W class A/B amplifiers giving you enough power to enjoy both movies and music in 2 or 3 channels. For surround 6 channel solution there is an option where you can add the **ECRF-75** wireless rear amplifier (2 x 75 W) - and enjoy your favourite movies and music in 5.1 channels. The music is transmitted to the rear system without any loss in quality.

With the Maestro you have a great selection of sources - Blu-ray, CD, DVD and FM Tuner, USB media playback, Audio and video streaming in addition to digital inputs with dolby decoding, perfect for your satellite tuner.

Connect the Maestro to your local network and play video and music from your local computer or stream music and video directly from the Internet.

A lot of expansion modules will be available. Modules like DAB, HD, iPod interface, house installation and more.



Maestro gives you most of what you need

Movie

Enjoy your favourite movies in 2, 3 or 5 channels with a picture quality among the absolute best on the market. A new advanced upscaler with a resolution of 1080p in addition to Blu-ray playback offers you the best picture quality available. Make the most of your movies by connecting 1 or 2 subwoofers on separate outputs.





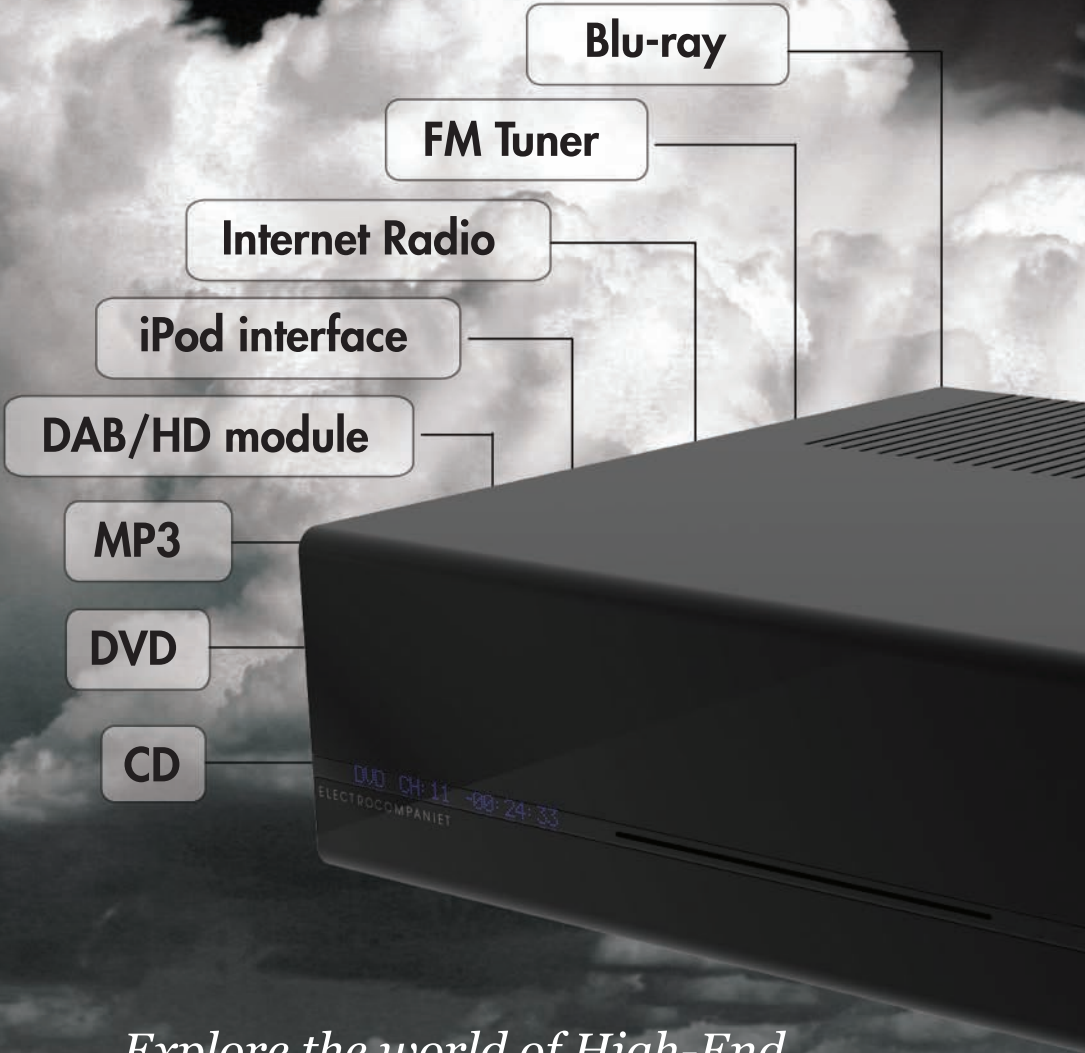
Music

Listen to your favourite CDs, DVDs or the new high quality 24 bits Blu-ray audio format in 2 or 5 channels - played in pure High-End audio quality. If you want to listen to your favourite radio station, a FM Tuner is also integrated. There is also a DAB or HD radio expansion module for the markets where DAB or HD is available. Expansion modules for connection to iPod or to your private music library is available. You can also connect Maestro to your local network and play music from computers in your house, or stream music directly from the Internet.

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*Explore the world of High-End
audio and video entertainment*



COMPANET

Quality matters™

Streamer

Surround 5.1

3x120 watt + 2x75watt

LAN interface

House installation

RF to rear amplifier

**Subwoofer
line out**

**USB Media
playback**

MAESTRO

ALL IN ONE



1

Build your home theater
with wireless surround sound





Connect Maestro to your
existing Hi-Fi system
and get surround sound

2



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Maestro technical specifications:

BLU-RAY section:

All measurements are made at 120V / 240V // 50Hz / 60 Hz

- **Dynamic range:** 120 dB
- **Channel separation:** > 110 dB
- **Upsampling:** 24 bit, 192 kHz
- **Noise floor analogue section:** < -130dB
- **Frequency deviation:** (20 – 20 kHz) 0.05dB
- **THD + N:** < 0.002%
- **Digital/analog conversion:** 24 bit, 192 kHz
- **Compatible formats:** CD, BLU-RAY, HDCD, CD-R, CD-RW, MP3-CD, M WMA-CD, SVCD, VCD, DivX, Picture Cd, JPEG
- **Video output:** Component (Pr,Pb,Y), HDMI (480p/576p/720p/1080p)

Amplifier section:

- **Input impedance:** 47Kohm • **Output impedance:** 0.03 ohm
- **Noise floor (20 - 20 kHz):** < - 100 dB • **Frequency response (-3dB):** 1 - 200 kHz
- **THD + N (20 - 20kHz):** < 0.005% • **Maximum peak current:** > 50A
- **Toroid transformer:** 400VA • **Damping factor (8 ohm load):** >250
- **Capacitor storage bank** 55.000uF • **Output power** 3 x 120 W into 8 ohms



ECRF-75 Wireless Class D Amplifier

Wireless class D amplifier specially designed for the Maestro. With this unit you can expand the Maestro to a complete surround system, without any cables between the front and rear system.

The surround channels are transmitted over a high speed radio link with no loss of sound quality. Automatic frequency selection adapts the system to environment with high radio frequency noise. Bringing you trouble free listening whenever and where ever you want.

ECRF -75 utilizes high-efficiency class D technology with very little heat buildup. In addition to the small size this allows the unit to be hidden away in a bookshelf or under a sofa. Automatic power up and down via the RF-link will make the daily use transparent and worry-free.

Class-D amplifier technical specifications:

- Frequency response: 3-40000 Hz (-3dB)
- Minimum load: 4 ohms
- Output power: 2x75W
- THD+N 0.008% • Channel separation: 100dB
- Signal noise: 115dB • Efficiency: 93% • Damping factor: 200
- Dimensions : Width 159 mm /Depth 410 mm /Height 85 mm
- Weight: 5,5 kg





Made in Norway
ELECTROCOMPANIET.NO