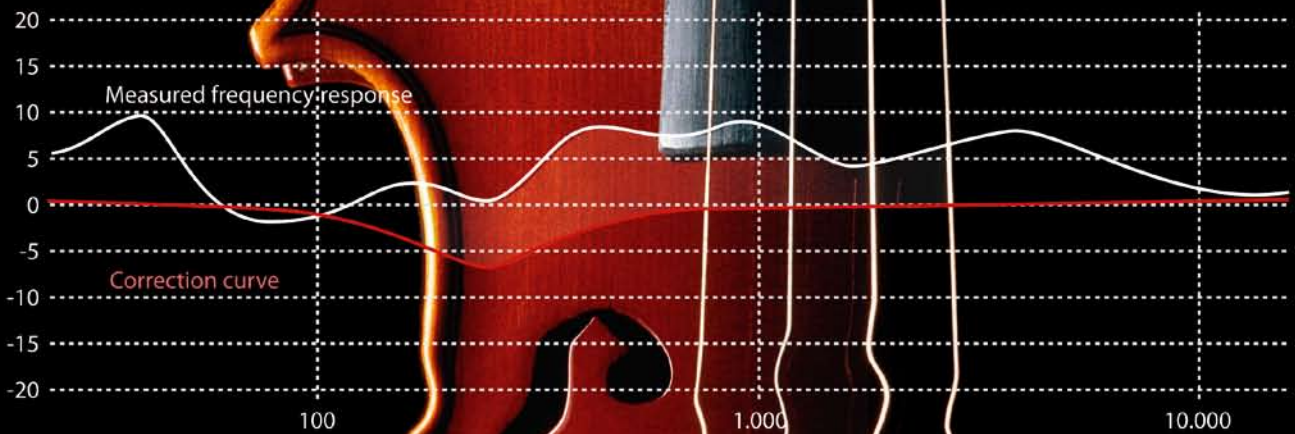


# COPLAND

Digital Room Correction  
DRC205



*Please allow  
us to make a  
correction...*



## High performance Digital Room Correction

**The launch of Copland DRC-205 is the world premiere of an add-on unit for high-end room correction.**

Copland DRC-205 drastically improves the sound reproduction at the push of a single button.

The influence of room acoustics has been one of the most disregarded factors in the pursuit of the perfect sound experience. In fact, most listening rooms have serious acoustic problems degenerating the sound performance. The acoustics of the listening room is most likely to be the weaker link of the hi-fi system.

The direct sound from the loudspeakers is blended with unwanted sounds from the room. In a typical living room, the standing waves at room resonance frequency and sound reflections easily account for +15dB / -20dB divergence from the desired audio characteristics, deteriorating the sound quality from the hi-fi system.

The DRC-205 analyses and calibrates itself to tonal balance, a distinct three-dimensional sound experience, while minimizing the room's influence on the sound.

### What is Digital Room Correction?

The invention of Digital Room Correction (DRC) is one of the most significant improvements to sound reproduction for decades.

DRC is an advanced time domain based technique where complex anti-reflection signals are generated to counteract room resonances and room cancellations while leaving the original sound signal unaltered.

The Copland DRC-205 is based on the Danish technology provider Dynaton's DDRC module. The DDRC module is the key component of the system, employing a unique scalable room compensation algorithm without distortion of the original music signal.

Copland has found the highly complex and patent pending Dynaton algorithms to be truly superior and recommendable for high end applications.

### Operation

The Copland DRC-205 is very easy to operate and does not require any previous knowledge of room acoustics or audio technology.

Simply connect the Copland DRC-205 between the signal source and the amplifier. Plug in the accompanying microphone, push a single button, and the room will be thoroughly measured and the entire system optimized within seconds. The Copland DRC-205 room correction is now activated.

Besides the default setting for flat frequency response in the listening room, alternative predefined sound profiles can be activated by a single push of the select button.



## Performance

The difference between an uncompensated system and one with Copland DRC-205 is distinct and clearly audible.

- Minimizing the effects of room acoustics
- Natural tonal balance with more contrast and definition
- Highly improved stereo imaging (3D and depth)
- Real bass response
- Voices are clear and natural

## Features

The first impression of the Copland DRC-205 hides the fact that there are many more possibilities than the user friendly front panel reveals.

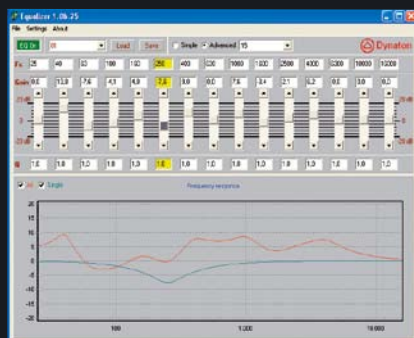
The predefined sound profiles will satisfy the vast majority of music lovers. However, the more demanding users can store their own sound profiles via a standard Windows PC.

The Copland DRC-205 comes with a graphical user interface, which can be installed from the accompanying CD-rom. By installation on a standard Windows PC, an advanced equalizer can be accessed, allowing the user to adjust the frequency response in the room and to actually see the frequency response of the system on frequency curves before and after compensation.

Copland DRC-205 can be connected between the signal source and amplifier, or to any amplifier with an ordinary analog tape monitor in/output.

In co-operation with Dynaton, Copland offers the opportunity to upgrade the DDRRC technology. Updates are done via user-friendly software available for download on the Copland and Dynaton websites.

The Copland DRC-205 employs state-of-the-art 24 bit/192kHz AD/DA-converters which can also be found in the critically acclaimed Copland CDA-822 and CDA-823 CD-players.



## Graphical user interface

A standard Windows PC will allow the user to adjust the frequency response in the room through the advanced equalizer.

# COPLAND

Digital Room Correction

DRC205

Specifications	
Application	Digital Room Correction
Features	Eliminating room acoustics problems
	Optimizing system performance
	Frequency response adjustments
	Impulse response adjustments
	Graphical user interface through standard Windows PC
Connections	Stereo RCA input, 1 V nom.
	Stereo RCA output, 1 V nom.
Frequency Range	15 Hz – 20kHz optimization range
Resolution	Lossless 24 bit audio signal
Power consumption	10 W
Shipping weight:	8 Kg
Dimensions	430 (W) x 86 (H) x 390 (D) mm.