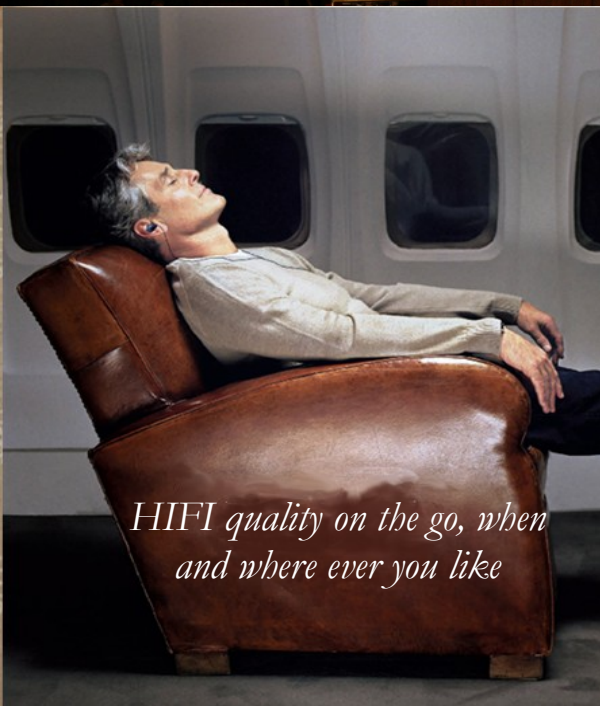


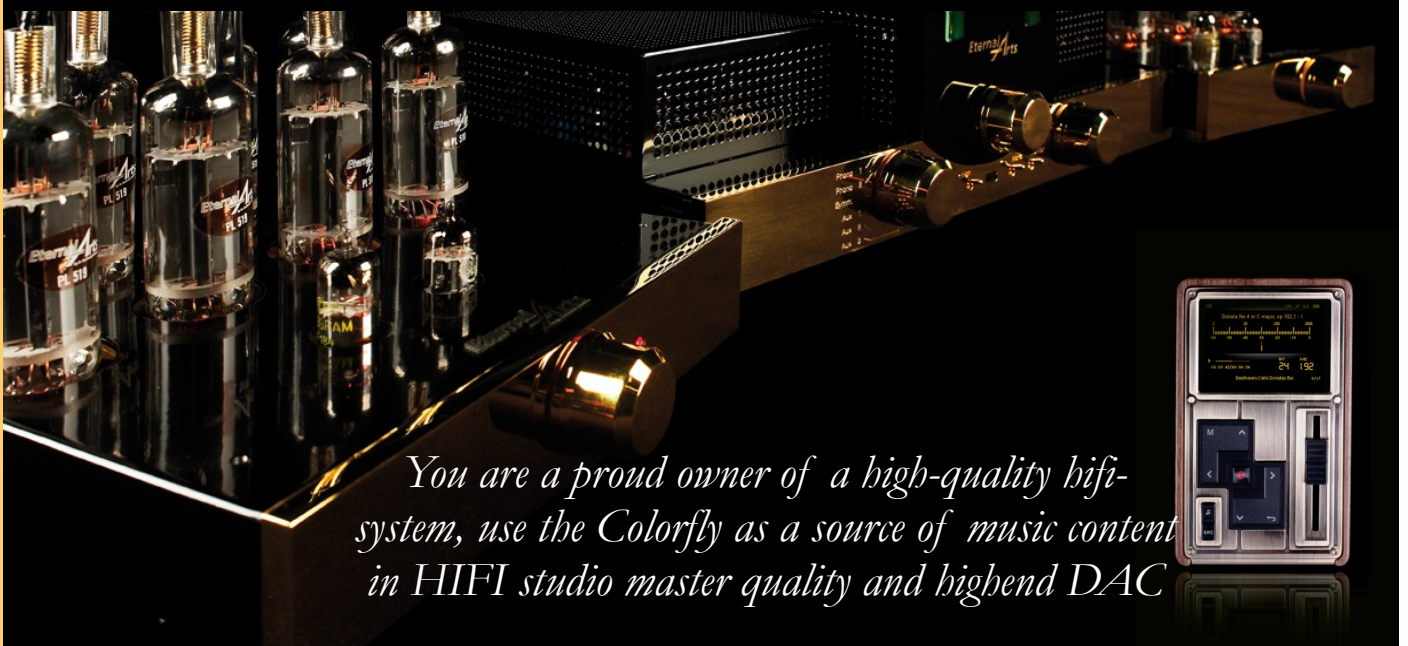


***** Colorfly - world-wide first mobile HIFI pocket player *****
Supplement & improvement of your stationary hifi-system

*Close your eyes.
With the Colorfly you will have the feeling to sit life in a
concert hall..*



*HIFI quality on the go, when
and where ever you like*



*You are a proud owner of a high-quality hifi-
system, use the Colorfly as a source of music content
in HIFI studio master quality and highend DAC*

Further details you will find on the following pages and www.colorfly.eu

MSRP (excl. VAT) 503.36 €



The Colorfly is the world's first mobile HIFI player support 108 dB and 300

What differentiates the Colorfly from other mobile players?

The Colorfly reaches for a mobile device an unprecedented HIFI quality.

With a signal-to-noise ratio of 108dB, Clock Jitter = 1,5ppm and THD values (THD+N RATIO at 300 ohm = 0.0022%(-90db). It exceeds the audio standard many times in the reproduction quality and is on par with the high-end audio technology.

1



The Colorfly is the world's first mobile HIFI player. Listen to HiFi quality on the go at any time and any place.

Use the analogue output of the Colorfly **6,3 mm jack** for high-quality headphone with 300 ohm impedance, best recommendation for HIFI Content up to 24 bit 192 KHz.



Use the analogue output of the Colorfly **3,5 mm jack** inner ear headphones up to 125 ohm impedance.

You can use both headphone outputs at the same time and hear music together.

ADVANTAGE

- First world-wide mobile HIFI player support 108dB and 300 Ohm impedanz. The Colorfly can play **WAV** audio files to 24 bit 192 KHz in **Studio Master quality**. It is a digital Media Player for **WAV, FLAC (16 Bit / 44,1 kHz), APE and MP3**.
- You can convert 16 bit 44,1 kHz content from the **SRC function** in 24 bit 192 KHz. High-quality components (CS4398 as DAC, TCXO 1ppm) and the patented **Jitter Kill Technology** improve the quality of the music. Over the **EQ function** you have influence on the character of the music playback and can customize according to your preferences. (Normal, Bass, Classical, Rock, Pop, Jazz)
- HIFI music can be enjoyed together. The analogue output 6,3 mm and 3,5mm jack can be controlled simultaneously.
- The Colorfly will be delivered in high-end version with 32 GB of flash memory. You can using micro SD card to expand the storage capacity up to **64 GB**.
- The Colorfly express an extraordinary and rustic design, handmade walnut wood and brushed metal surface of high quality and individuality.

Take Colorfly as an extension of your stationary hi-fi system

Before a high investment in high-end LP player or CD-player, look at the possibilities of Colorfly on the following pages!

Colorfly as analogue music source and extended HIFI digital to analogue converter (DAC) (2)

Colorfly as digital source of music in HIFI quality without mechanical vibration (3)

Colorfly as HIFI sample rate converter (4)

Colorfly as a digital decoder on HIFI level (5)



Colorfly as analogue music source and extended HIFI digital to analogue converter

2

Use the Colorfly as a **music source** and **high-quality digital-analogue converter (DAC)**. Over the analogue (6,3 mm jack) you transmit studio master quality content on your stationary hi-fi system. The analogue 6,3 mm output of the Colorfly has 2100 mV at 300 Ohm impedance with sufficient power for driving an analogue audio amplifier.

ADVANTAGE

- The Colorfly as a digital source of music offers a higher quality for HIFI music than other digital sources. CD players have the restriction 16bit 44.1 kHz. SACD or AUDIO DVD player works with higher resolution, but cannot completely compensate Jitter due to mechanical micro-vibration or just compensate with extremely high cost.
- The Colorfly is supplied in the stationary battery charger with electric current.

Colorfly as digital source of music in HIFI quality without mechanical vibration

3

Use the Colorfly as a digital **music source** for high-quality content over the **digital output (SPDIF OUT)** This method is useful if you have a high-quality HiFi system with very good DAC

ADVANTAGE

- Jitter of Colorfly is at SPDIF Out less than 2 ps, in addition of that it works with perfect clock.

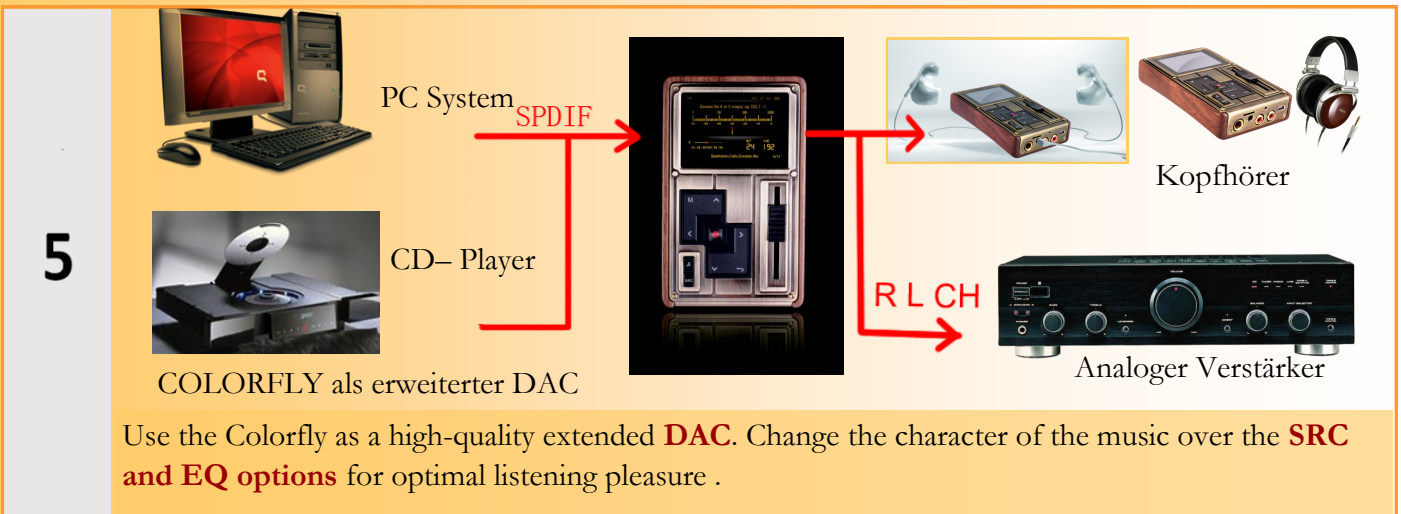
Colorfly as HIFI sample rate converter

4

For CD Player the Colorfly offers the option of the digital conversion of 16 bit 44,1 KHz content up to 24 bit and 192 KHz over the **SRC** function. (Sample Rate Converter)



Colorfly as a digital decoder on HIFI level



ADVANTAGE

- The Colorfly revalue your digital source of music. It improves the music playback with PC systems and CD players. CD- Player has the restriction on 16 bit 44,1 KHz. It is missing to the music at dynamic. Here arise under 1.) mentioned possibilities over the SRC and the EQ function.
- SACD- oder AUDIO-DVD Player works with higher resolution and more dynamic, but cannot completely compensate Jitter due to mechanical micro-vibration or just compensate with extremely high cost.. When using Colorfly Jitter is prevented.

COLORFLY TECHNICAL DATA

Parts Selection	Audio-specific capacitors	Yes
	Gold-plated connectors	Yes
	CPLD Clock Module	Yes
	wood case	Yes
	Professional volume control	Yes
	Advanced op amp	Yes
	Advanced DAC	Yes
	PCB layer	6 layer
Custom headphone driver IC	Yes	



Spezifikation	Item	Parameter	Colorfly mobile HIFI Player
Performance	MAX AMPLITUDE	3.5 Jack Ouput	620 mV
		6.3 jack Ouput	2000 mV
	THD+N RATIO (44.1 kHz FS,16 Ohm,32 Ohm, 100 Ohm, 300 Ohm load conditions)	1 kHz	0.004%(-87dB)
		15 kHz	0.014%(-76dB)
		15 kHz (SRC Enable)	0.0022%(-90dB)
	CROSSTALK	32 Ohm load	>75 dB
	SIGNAL-TO-NOISE RATIO	-----	108 dB
	Clock Jitter	-----	1.5 ppm
	Support 24 Bit / 192 kHz Files Playback	-----	Yes
Funktionen	Sample Rate Converter	-----	Yes
	Low Jitter SPDIF Output	-----	Yes
	SPDIF Input	-----	Yes
	USB Audio Support	-----	Later
	Drive 32 Ohm Headphones	-----	Yes
	Drive 100 Ohm Headphones	-----	Yes
	Drive 300 Ohm Headphones	-----	Yes
	Driver 2-Way Headset	-----	Yes
	Portable mobile	-----	Yes
TCXO	-----	Yes	



COLORFLY MARKETING

Marketing co-operation

c-ear: perfect technology meets peerless sound. c-ear is the new in-ear sound system that not only offers firstclass technical quality, but also the added bonus of individually customised earpieces. Buy a Colorfly and get 10% discount for your c-ear.



- Crystal clear trebles, dynamic mids, bass with superb spatial depth: enjoy brilliant sound with c-ear.
- Customised for your ears only: c-ear earphones do not apply pressure or fall out, an absolute pleasure to wear.
- Optimal screening out of external noise: now you can be completely at one with your music, no matter where you are.
- Professional quality for personal enjoyment at a price you will be surprised.

Colorfly by the HIFI technical literature

Audio 01/2011

Player 12 / 2010

AUDIOGRAMM

Sound	95	● Good sound, very eye-catching.
Equipment	good	● Clumsy operation.
Operation	satisfactory	
Workmanship	very good	
SOUND RATING	95 POINTS	
VALUE FOR MONEY	VERY GOOD	


CONCLUSION

 **Christine Tantschinez**
AUDIO Editor

The user can use the Colorfly to project incoming digital signals. He can drive power amplifiers directly and plug in hifi headphones. He can listen to music brilliantly on it. And he can consider himself the proud owner of one of the most curious hifi devices in the world.

www.audio.de 01/2011

Technik-Information



Im Display werden neben den ID-Tags nicht nur Aussteuerung und Lautstärke, sondern auch die Abtastfrequenz des Musiksignals angezeigt – sogar Upsampling wird unterstützt

Bewertung

Kurz und knapp:

- viele unterstützte Tonformate bis 96 kHz
- als D/A-Wandler nutzbar
- manchmal hakelige Bedienung

Klang	60%	1,4
Bedienung	20%	1,6
Ausstattung	20%	1,2

Player

Preis/Leistung **gut**

Spitzenklasse **1,4**

...Ich möchte gar nicht wissen, wie viele MP3-Player es heutzutage gibt.

Mittlerweile spielen die auch Videos, sind aber allesamt nichts für den anspruchsvollen Musikhörer. Echtes HiFi für unterwegs, das wäre was....

....Innen drin sieht's hochwertig aus. Keine Frage, das ist einer der wenigen portablen Player, bei dem klangliche Aspekte im Vordergrund stehen. Mit einem ordentlichen Satz Kopfhörer holt man aus dem Colorfly jedenfalls Töne heraus, wie man es sonst nur im „stationären“ Hi-Fi-Bereich kann....

FAZIT :

... for a mobile player ingenious sound quality...

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