



ITR 10

Röhrenradio mit iPod Dock

Tube radio with iPod dock



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Bernstein – named after amber, a jewel of music

For thousands of years, precious “Bernstein” or amber has enjoyed a high standing among people of the most varied cultures. Its mild colouring conveys a soft glow and creates an atmosphere of peace and relaxation. Music is also intended to provide people with such pleasurable emotions along with excitement, joy and passion. Hours may be spent enjoying the creativity of classical and modern artists, a truly uplifting pastime.

Bernstein – the history

Many music-lovers appreciate the sound of the legendary tube radios of the 50s and early 60s. These classic appliances are particularly renowned for their natural tone and excellent voice reproduction. Equipped with tube amplifiers and broadband loudspeakers, the engineers of the time were able to create products that are also lovingly described by many people as “musical instruments”. They are still held in high regard, even today among audiophiles, despite the relatively simple technology they used.

The more prestigious units like the Saba Freiburg or the larger Grundigs still fetch high prices at auctions and are items much sought-after by passionate collectors.

These radios were also visually magnificent, both externally and internally: High-grade wood, the “magic eye” for tuning in the stations and the soft glimmer of the tubes convey a charm that has become rare and which is missing in most modern consumer electronics.

Due to their design, however, and perhaps also the spirit of the times, some of these units were enormous. Just think of the bulky radiograms that filled people’s living rooms back then.

As far as the pure dimensions of a music system are concerned, today’s tastes have developed more towards compactness and easier integration into the surrounding room.

The desire for good sound quality however, remains undiminished.

Bernstein – the sound

The Bernstein music system has an integrated VHF/medium-wave radio and an Apple “I-Pod” licensed docking station for the easy access to your music files. Inputs for a CD player, MP3 player and an S-video output to connect a TV are also provided.

A tube hybrid amplifier and inbuilt full-range loudspeakers form the heart of the ITR 10.

The tube amplifier is largely responsible for the overall sound. Tubes produce far less of the types of distortion our ears find offensive. Only well-proven tube types are used. Along with the technical and visual similarities it shares with its classic predecessors, the ITR 10 has a warm and beguiling character that can be listened to for hours. This is the calm and relaxed “tube sound” so revered by enthusiasts.

The loudspeakers are also modelled on those found in the classic designs of the past. The Bernstein ITR 10 has broadband speakers with long-fibre paper cones and particularly powerful motor systems. The magnetic material used is neodymium, which is considerably stronger than conventional ferrites. The loudspeakers are designed for the entire frequency range, without any crossover components which lends a coherence to the sound often lacking in multi-way speaker systems.

The enclosure is made of wood and there are bass reflex openings at the bottom, which give the sound a foundation and substance that is remarkable for a unit of this size. As a reminder of the modern age, integrated semiconductor power amps, harmonising perfectly with the vacuum tubes, together with dynamic sound control ensure a full sound in the bass, voice and treble ranges, even at low volumes. All these design measures together produce a unique reproduction quality that fills the room with dynamic, vivid and colourful sound.



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Bernstein – the appearance

The Bernstein ITR 10 music system delivers this exceptional performance from the smallest of spaces. The unit measures just 35 x 12 x 29 cm (w x h x d). Bernstein is available in three colour options. Ideal for a modern ambience are the versions finished in black or silver gloss. For a really classic effect, there is also a Bernstein model with a high-grade cherrywood veneer finish. Whichever Bernstein you prefer - it will be the amber gem in your listening room.

At its very first public presentation, the outward appearance of the Bernstein fascinated the jury of the esteemed Plus X Awards so much that it conferred a prize on the ITR 10 in the design category.

Bernstein – the operation

The Bernstein ITR 10 can be set up ready-to-use in just a few minutes. Enjoy music over the integrated radio or your iPod, which can be connected directly. It is very easy to operate. Only four controls are needed for the main functions. The volume control is situated in the centre on top of the unit. On the left is the selector switch for the music source and on the right the function switch. On the front is a large, easily read dial for tuning the radio. A remote control is also supplied for these and additional functions.

Bernstein – living with the amber jewel

Wherever you place your Bernstein unit, you and your guests will be mesmerized by its easy operation, its design but above all, for the wonderful sound it produces.



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Technical specifications

Amplifier

Principle	Hybrid amplifier with channel separated tube pre-stage and semiconductor-power amplifier
Output power	2x12 watts/ 50 watts nominal power
Input	AM/FM iPod Line 1 (3.5mm Stereo Front) Line 2 (2x Cinch-input on rear)
Output	Headphone (3.5mm Stereo Front) Subwoofer (1x Cinch-input on rear)
Remote control	Standby/On, Volume, Mute and source controllable

Loudspeaker

Chassis	2 x 80 mm broadbandspeaker with light uncoated, papercone and neodymium magnet
Enclosure	Separate bass reflex enclosure for left and right channel Solid and low-resonance wood construction
Equalization	Complex acoustical equalization by analogue filters, integrated in the amplifier section

Tuner

Principle	Analogue AM/FM Tuner with huge tuner button, tuning LED and stereo-LED for easy station search
Antenna input	FM (UKW): 75 Ohm coax AM (MW): frame antenna input

iPod Docking

Principle	Universal iPod-interface supports iPod generations 3, 4, 5, Mini, Photo, Nano - 1st & 2nd generation
Remote control	Full-Function' remote controls all iPod functions
Further Features	S-Video output supports iPod Video function Plastic cover to protect the dock
Standby	Standby function with low current consumption

General

Power consumption	230VAC, mains switch on the rear
Available colours	High glossy laquer black High glossy laquer white Wood veneer cherry
Included in delivery	Power cord, AM antenna, FM antenna, remote control including battery, users manual



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