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Fosi Audio BT20A Pro

New Generation 2-Channel Bluetooth Power Amplifier

More Power, More Possibility

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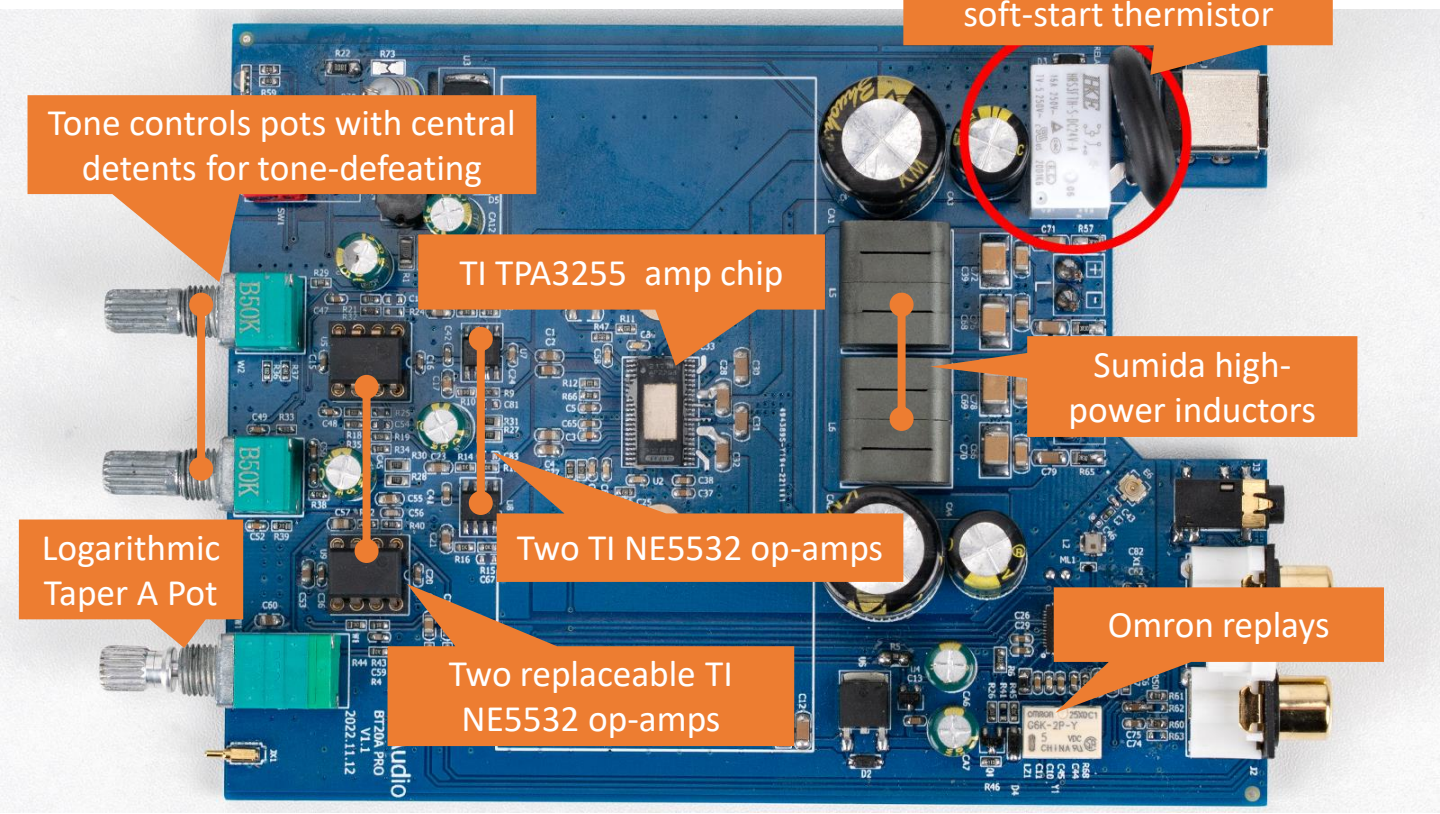
Internal Components



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Output Power When Using Different Power Supplies
(per channel)

Power Supply	Speaker Impedance	Rated Output Power	Max Output Power
24V 4.5A	4 Ω	56W	70W
	8 Ω	28W	35W
24V 6A	4 Ω	56W	70W
	8 Ω	28W	35W
24V 8A	4 Ω	60W	72W
	8 Ω	30W	36W
32V 5A	4 Ω	100W	125W
	8 Ω	50W	62W
48V 5A	4 Ω	220W	259W
	8 Ω	110W	129W

Variations & Optional Accessories

Space Grey

Gunmetal Grey

- Metallic Orange Knob

- 48V/5A Power Supply

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Basic Information

Model Name	BT20A Pro
Max Power Output	300W x2 @4Ω
Amplifier Chip	Texas Instruments TPA3255 x1
Op-Amp Chips (Replaceable)	TI NE5532 x4 (two of them can be replaced by 8-pin dual op-amps like Sparkos SS3602, LME49720HA, LM4562, MUSE02, NJM4556AD, OPA2604, OPA2134PA, RM4559, OP249, AD827, etc.)
Tone Controls	Treble & Bass, built-in central detents for tone-defeating
Inputs	RCA line-in, Bluetooth 5.0
Outputs	Speaker Output, 3.5mm Pre-Out(full frequency)
Power Supply	32V/5A included (48V/5A optional)
Other Features and Characteristics	● Bluetooth 5.0 connection can be cleared manually by long-pressing the volume knob for 5 seconds. ● Bluetooth connection can be memorized and automatically re-established. ● Built-in Sumida advanced high-power inductors, Omron relays, and two high-quality filter capacitors (50V/ 2200uF). ● Specialized circuit design ensures zero energy consumption after power-off. ● Unlike other power amplifiers that only mute sound, the BT20A Pro's switch completely turns off power. ● With the pre-out port, it can be connected to powered speakers/subwoofer, or another amplifier. ● The BT20A Pro comes in two different colors, space grey and gunmetal grey, to match your preferences.

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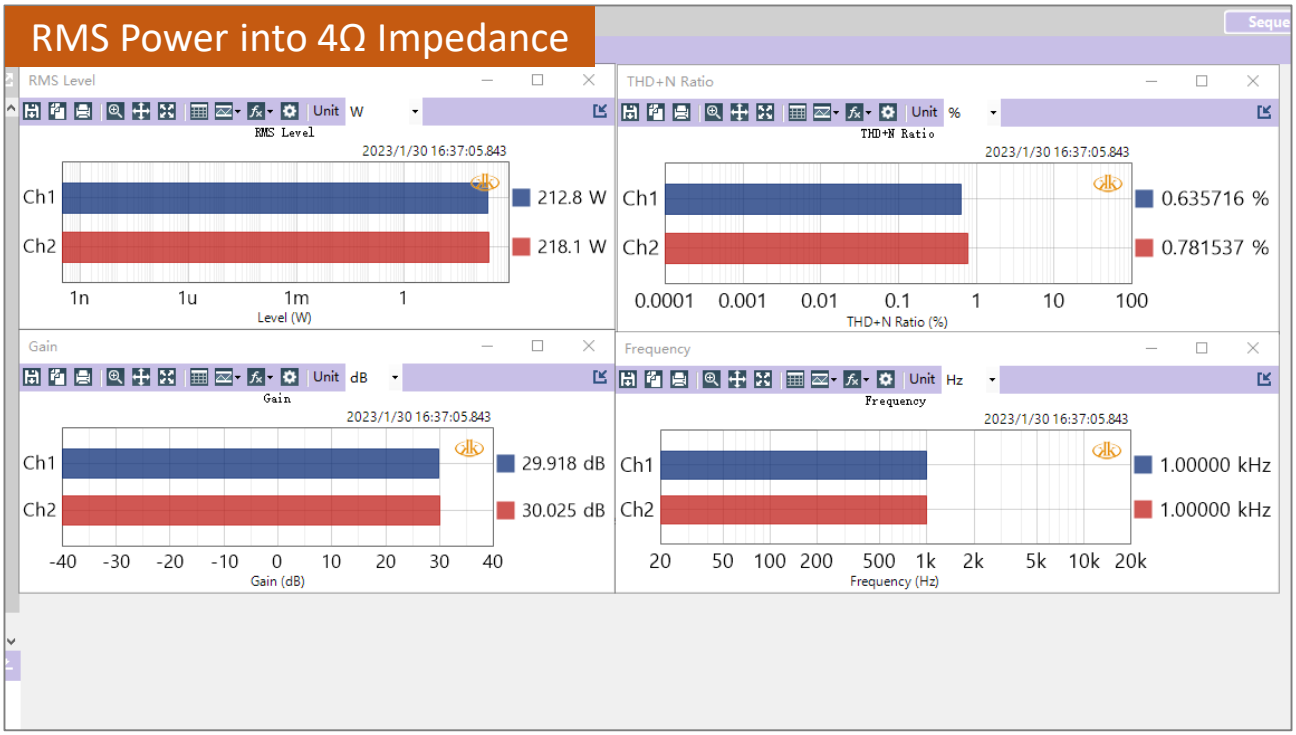
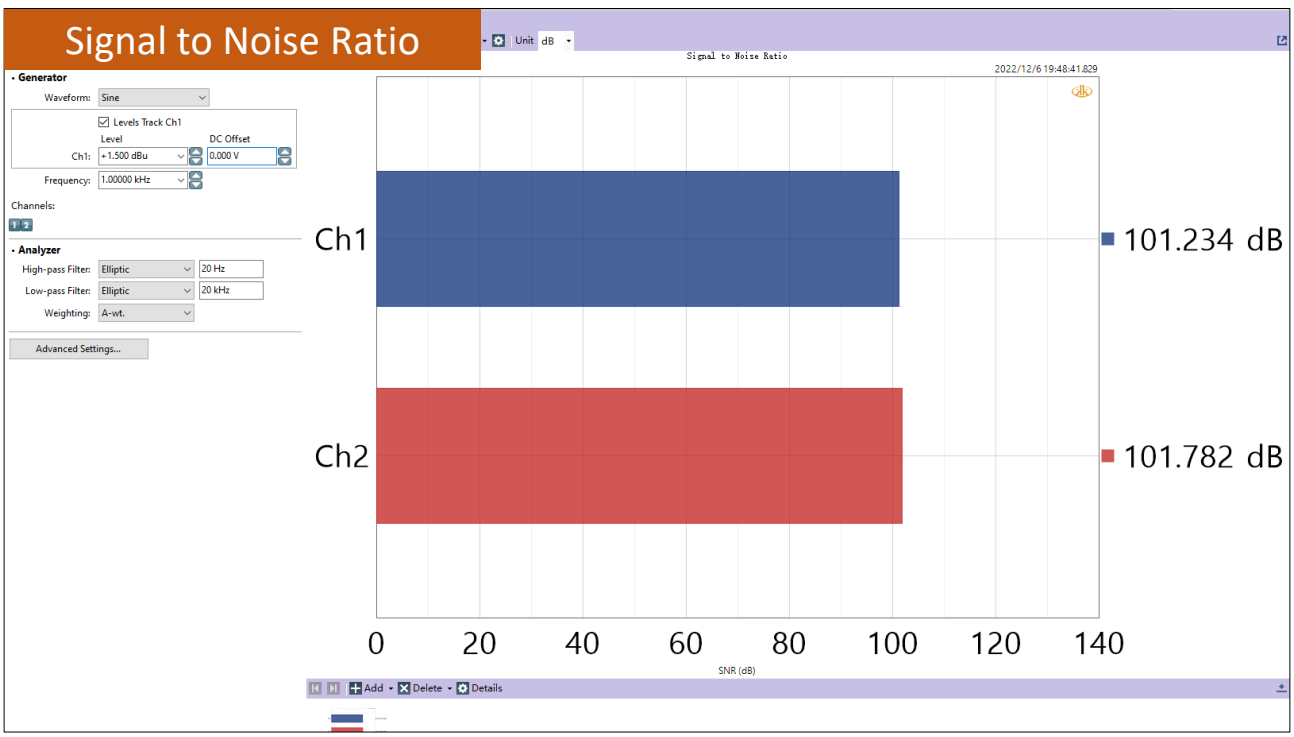
Some Measurements

(with 48V/5A Power Supply)

RMS Power into 4Ω Impedance



Signal to Noise Ratio



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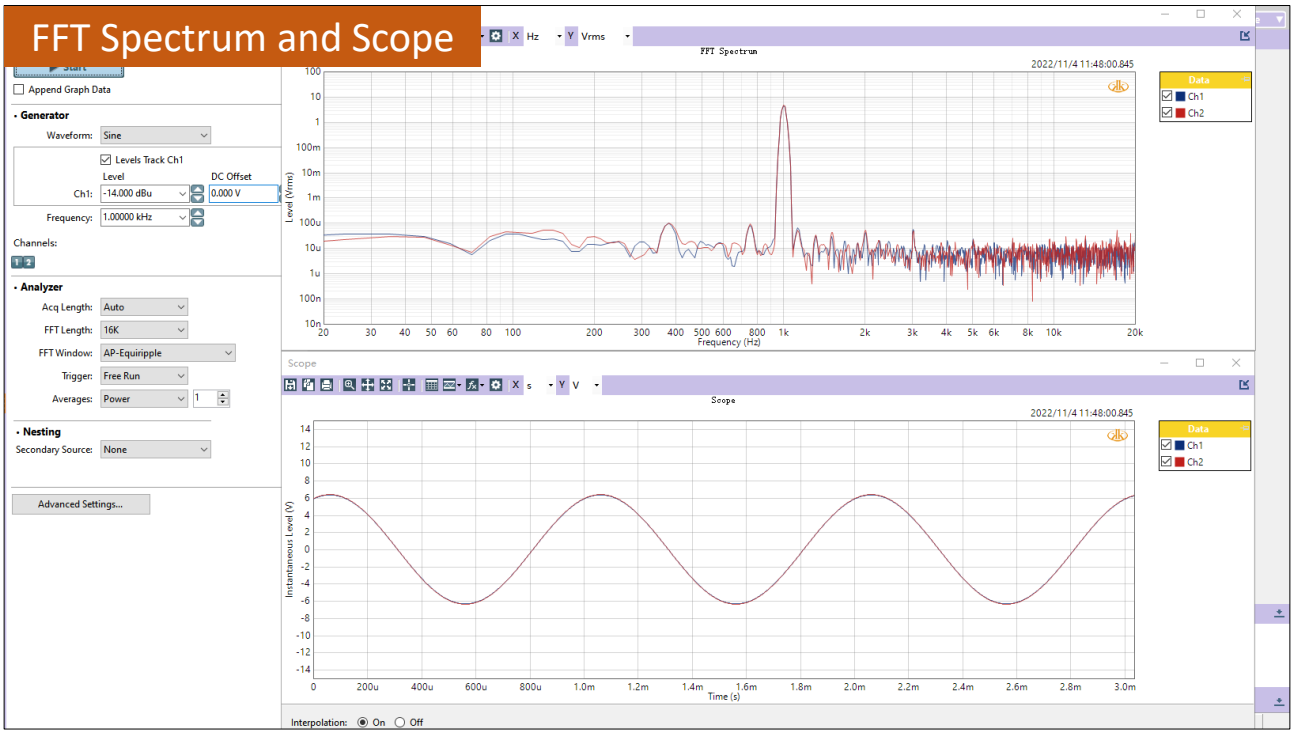
Some Measurements

(with 48V/5A Power Supply)

FFT Spectrum and Scope



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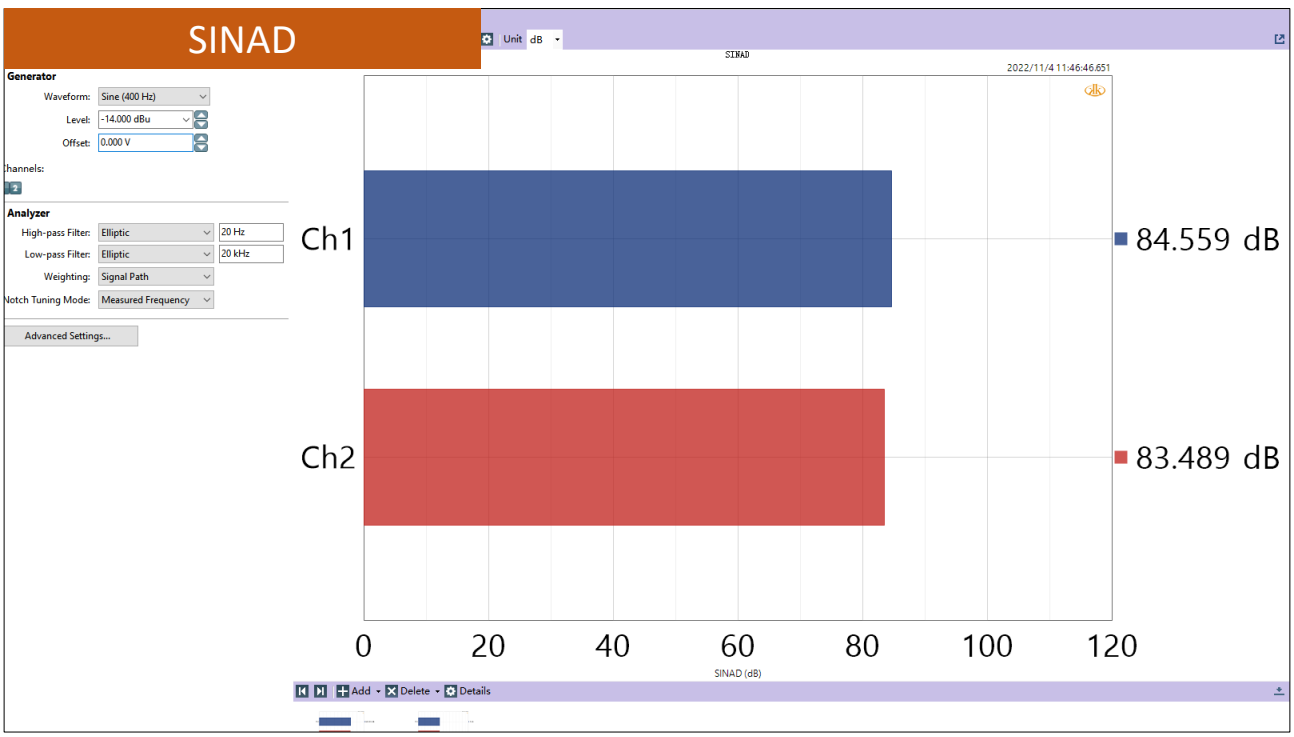

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