



ST-D.BT Series The new Studio series



The new Studio series, and Bluetooth streaming

Over the last couple of years Zapco has introduced more than the pure high end SQ Competition amps. We have also introduced a line of great sounding amps in an affordable price range called the Studio series. The Studio D amps are full range Class D amps with great sound, compact chassis, and more crystal clear power than the competition. We will be adding some very remarkable new full range Class D amplifiers to the Studio family. Lets take a moment to get a little perspective on size. Lets think about something we are all familiar with... the classic 1/2 DIN In-Dash EQ. We all know what they look like. They measure about 7" long by 5.5" or 6" deep and a little over 1" high. Ok... with that picture in your mind, think about **a 4-channel amp with 60 Watts RMS/Ch @ 4Ω with less than 0.5% distortion. Or, 180 Watts RMS/Ch x 2 @ 4Ω at less than 0.5% distortion... in the same footprint as that in-dash EQ!** Those are new Zapco Micro Amplifiers. Thanks to a brand new technology, we are able use the NXP Class D solution to get amazing power and performance in an incredibly compact chassis with over 90% efficiency. And this diminutive little beast has all the features of the larger amps... **and Bluetooth streaming!** When the Studio D.BT amps are installed they work just like any other amps with your head unit. But if you fire up the music on your phone, tablet, or other Bluetooth smart device, these amps will automatically switch over to Bluetooth to grab that signal.

We also have something special for you if you could handle a little larger chassis? Like the standard Studio X compact chassis? How about 1200 watts of full range Class D power... and Bluetooth Streaming? Once again, a whole lot of amp in a very small chassis. Our three higher power studio D.BT amps all share the same Compact Studio chassis. It's less than an inch longer than the Class A/B ST-4X at 165mm x 300mm. And this chassis can house a 5-channels amp, a 4-channels amp and a high power stereo unit. The upgraded TI technology means these amps are also 90% efficient, just like the Micro-amps. So again... the power to size is huge. These amplifiers are less than 1/2 the size of any similarly powered amplifiers we have ever made, and just like the Micro-amps, the compact Studio D.BT amps have all the expected features plus Bluetooth streaming.





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The Micro-chassis amps. These little beasts aren't just small, and they aren't just powerful. They sound great!

They had to earn the Zapco name before we put them into production. But that's still not all there is to these new amps. They have all the advanced features you would expect... and more! They have crossovers, bass boost, dash bass control, and they even have preamp outputs to send signal to another amp. And, when you're building a system around these amps, that preamp-out becomes really important because of the last feature we're going to talk about... Bluetooth Streaming. On the left is the new Zapco **ST-64D.BT** at 95mm x 185mm (3.75" x 7.5"). The ST-64D.BT is also 360 Watts RMS. If you think you need a little more power, you can get the **ST-104D.BT** with 90 Watts RMS x 4 at 4Ω and 320 Watts x 2 on a 4Ω Bridge. That's 640 Watts RMS in an amp about the size of a regular letter's envelope!

Bluetooth streaming

When the Studio D.BT amps are installed they work just like any other amps with your head unit. But if you fire up the music on your phone, tablet, or other Bluetooth smart device, these amps will automatically switch over to Bluetooth to grab that signal. When you turn off the device the amp will switch back to the main input. When the amp is in Bluetooth mode, it sends the Bluetooth signal out the pre out jacks to share with the other amps in the system (like your bass amp). Heck! When it comes right down to it, you don't even have to have a head unit with these amps. You could put a switch in the trigger lead, fire up the iPod, and you could be rocking the music without anything in the dash at all.

Here is the new Zapco **ST-64D.BT** at 95mm x 185mm (3.75" x 7.5") shown near a smartphone. The **ST-64D.BT** is also 360 Watts RMS!

High power Studio D.BT amps

Our three higher power studio D.BT amps all share the same Compact Studio chassis. It's less than an inch longer than the Class A/B ST-4X at 165mm x 300mm. And this chassis can house a 5-Channel amp, a 4-Channel amp and a high power stereo unit. The upgraded TI technology means these amps are also 90% efficient, just like the Micro-amps. So again...the power to size is huge.

First is the Studio **ST-105D.BT**. The ST-105D.BT is a 5 channel amplifier with 90 Watts RMS/channel @ 4Ω and 180 Watts RMS/channel @ 2Ω with less than 0.5% THD+noise for the mids and highs and an whopping 520 Watts RMS at 2Ω for the bass. That's not 1Ω power... it's 2Ω power. Enough for some very serious bass. Next up is the Studio **ST-204D.BT**. This is a 4-channel amp with 160 Watts RMS/Channel x 4 @ 4Ω and 640 Watts RMS/Channel x 2 on a 4Ω bridge at less than 0.5% THD + noise. That's 1280 Watts RMS of full range power from a compact 4 channel amplifier.

Finally we have the Zapco Studio **ST-402D.BT** 2 Channel, full range Class D amplifier. This amp has 320 Watts RMS/Channel @ 4Ω and 640 Watts RMS/Channel at 2 Ω and 1200 Watts on a 4Ω Bridge.

These amplifiers are less than 1/2 the size of any similarly powered amplifiers we have ever made, and just like the Micro-amps, the compact Studio D.BT amps have all the expected features plus Bluetooth streaming.

