

CASE STUDY



PORTABLE PA SYSTEMS



OPPORTUNITY

Transmoto Enduro needed an audio system for announcements and communication with wide enough coverage to reach every racer and compete with the sounds of motorcycles and weather conditions.



SOLUTION

To meet these requirements, Be Productions consulted the audio team at CMI Music & Audio and selected the JBL EON ONE Compact self-powered portable PA with an onboard mixer.

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TRANSMOTO ENDURO, AUSTRALIA

Transmoto organizes team-based endurance events in a relaxed and fun atmosphere for everyday dirt biking enthusiasts, staged on remote locations with challenging but safe off-road loops that combine grass tracks and bush trails. The Transmoto Enduros consists of eight- and twelve-hour endurance races for amateur riders taking place on dedicated tracks in rural areas across Australia. With racers often spread out in outdoor campsites, Transmoto officials needed an audio system for announcements and communication with wide enough coverage to reach every racer and compete with the sounds of motorcycles and weather conditions. To meet these requirements, Be Productions consulted the audio team at CMI Music & Audio and selected the JBL EON ONE Compact portable PA with an onboard mixer.

“With every event on the calendar a sell-out, covering the huge sites with audio systems for communication, announcements and the race call is a challenge,” said Marc McAvoy, Director, Be Productions. “The trickier issue we had was to get audio to the camping area 300 meters away, where they did not want the constant hum of generators.”

The JBL EON ONE Compact is a self-powered two-way speaker with up to 112 dB output, an onboard four-channel mixer and processing, Bluetooth capabilities, remote app control and a rechargeable and swappable battery with up to 12 hours of run time. Designed for maximum coverage and intelligible output with minimal setup, the EON ONE automatically lowers background music levels during speeches and announcements to ensure that audiences hear every word loudly and clearly. Lightweight and portable, the EON ONE is the ideal mobile option for speech amplification, sound reinforcement and stage monitoring for outdoor events like the Transmoto Enduros.





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“The charge on the battery was very reliable,” added McAvoy. “The first day, we were running full whack and didn’t have to swap batteries until that evening. We had a tech looking at the onboard battery indicator every hour, and they were fine. The swapping was really the key to success for us, as we could do it quickly and easily without having to de-rig the units. In terms of sound, the speech intelligibility is very good, and they absolutely cut through. The output is very impressive for a battery-powered unit. I’m very happy with their coverage, and I’d say the EON ONE Compact is the way forward for us in these applications.”

A spokesperson for Transmoto reported that event organizers were thrilled with the intelligibility and flexibility provided by the EON ONE speakers. Even though the Transmoto Enduros are uniquely big, loud and remote, the EON ONE was the perfect solution to keep the event running smoothly. Transmoto organizers also thanked Be Productions and CMI for their assistance.

“The Transmoto Enduros is a unique event where the challenge was to achieve both speech clarity in an open setting as well as weatherproofing the system,” said Amar Subash, Director, Channel Management and Audio Solutions, HARMAN Professional Solutions, APAC. “We would like to thank Be Productions and CMI Music & Audio for their expertise and commitment to make the project a success.”



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PRODUCTS USED

JBL EON ONE COMPACT PORTABLE PA SPEAKERS



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