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GamesOnTrack® announces battery powering of all gauge model trains with DCC via radio – from small cars to track G

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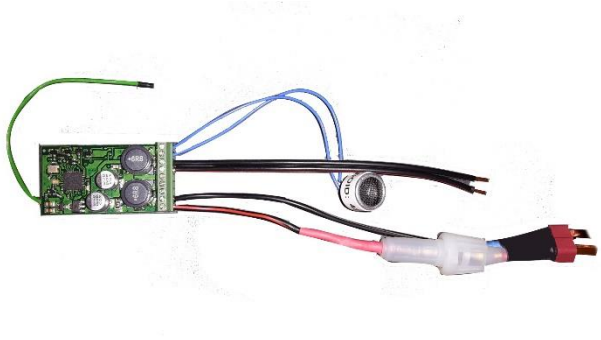
GamesOnTrack A/S expands options of operating model trains and model cars with DCC based on battery powering. Traditionally, digital control requires that power from the rails deliver DCC/Motorola impulses to the decoder. The new GamesOnTrack solution allows any DC power input and then our GT-Xcontrol adds DCC to the train, either as input to the decoder or integrated with decoder. The solution works with all gauges. As an example, this solution allows battery powering of a model G garden layout, which runs outdoor all year, from batteries onboard without any powering from tracks. The Gamesontrack radio system provides all DCC control as well as the precise positioning. For the US-market, our new radio booster doubles the radio range to more than 100 m.



Over recent years, battery capacity, charging methods and devices have entered a new era. Today, 5000 mAH are easily generated with 15 V giving 2-4 hours free driving with a track G train before battery exchange is required and the cost per battery is within the range of 50-75 €.
However, the advantages are many such as no cleaning problems, no problems in reverse loops and reversed traffic, no booster and very limited wiring.
The same advantages will become available for O and HO along with the development of simpler and more fluent charging options.
Today, the improved battery powering for our solutions is applied in the Faller Digital Car System and will be improved to allow battery powering of even smaller vehicles.

Our present large scale solution applies GT-Xcontrol as DCC provider in the train utilizing the existing decoder. It can generate up to 5 A for a short period but the normal operating range is within 2-3 A. The radio is our current GT-Xconnect. In small scale trains and vehicles we use a variant GT-Xcontrol Decoder which includes a decoder on the platinum. In Q2 of this year, we will open this so that already built-in decoders can be powered as well.

Generally, the DC and battery solutions are available as of today. Please also see the solution for a new small car.