14.7.2025

RoboSpot Enhanced Compatibility and Control, Technical Documentation and Software Updates

Products Involved

RoboSpot™   iFORTE®   iFORTE® FS   iBOLT™   iFORTE® LTX LightMaster Side/Rear

iBeam 350™   FOOTSIE2™ Slim   FOOTSIE1™ Slim   ProMotion™   iSpiiderX®

PAINTE®   iPAINTE®   iESPRITE® LTL WB   iESPRITE® LTL FS   SVB1™

iProMotion™   iFORTE® LTX WB   iFORTE® LTX FS   TX1 PosiProfile™   T.5 Profile™

T2 Profile™   T2 Profile FS™   T2 Fresnel™   T2 PC™   pixelPATT™   iSpiider®

This Technical Newsletter provides an overview of a recent update to RoboSpot, new documentation and software releases for Robe fixtures. RoboSpot control now supports additional fixture models and Virtual Colour channels, while various fixes enhance reliability and workflow. New Service Manuals, Technical Bulletins and updated Spare Parts Price Lists are available for download. In addition, software updates for lighting fixtures introduce new features, performance improvements and bug fixes. Detailed notes for each fixture follow.

RoboSpot Enhanced Compatibility and Control

The latest software update expands RoboSpot's compatibility and control capabilities, ensuring greater flexibility for live productions. Support has been added for the new T.5, SVB1, iSpiiderX and LedPointe fixtures, while BMFL Spot, Blade, WashBeam/EV, FollowSpot and FollowSpot LT profiles now include a Virtual Colour channel accessible via RoboSpot control. New DMX modes for the Footsie fixtures are also supported. The on-screen keyboard can now adjust hue and saturation values directly. Finally, several issues have been resolved: the pixel follower's fade-intensity area is correctly saved, the blackout problem when the RoboSpot controller powers off has been eliminated, and colour exports to USB flash drives now function reliably.

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Technical Documentation

Service Manuals

We've released new technical documentation - Service Manuals and Technical Bulletins. You need to be signed into the Support section to have access to these files. See the complete listing below.

Service manuals for the following fixtures have been released, providing complete wiring diagrams, circuit schematics, 3D exploded views, and order numbers:

- Robin_iForte_+_FS_service_manual_V_1
- Robin_iBOLT_service_manual_V_1_b
- iFORTE_LTX_LightMaster_Side_service_manual_V_1_b
- iFORTE_LTX_LightMaster_Rear_service_manual_V_1_a
- Robin_iBeam_350_service_manual_V_1
- Robin_Footsie_2_Slim_service_manual_V_1_a
- Robin_Footsie_1_Slim_service_manual_V_1

Updates Spare Parts Price Lists have also been released to include the newly added parts.

Technical Bulletins

The following Technical Bulletins have been updated/released:

- TB80_ProMotion_uSD_Card
- TB60_Externally_caused_damage
- TB120_RoboSpot_Encoder_Spacer

Software Updates

To ensure smooth and reliable operation of the Robe lighting devices,we have released the following software updates since the end of April. To get these new features and all other Robe Software updates, for easy update, download and installation please use the Robe Uploader software for the Robe fixtures with Robe Navigation System 2 (RNS2) and use the Robe Toolkit for Robe fixtures the Robe Navigation System 3 (RNS3)

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iBolt

Based on the incredible feedback from key players in the industry, we continue to implement specific features and address particular use cases:

• Added gobo-change feature and fixed a gobo shaking effect
• Enhanced Polar Plus functionality
• Disabled data-logger triggered blackout
• Fixed REAP sACN settings and improved Ethernet protocol reception
• Synchronized Ethernet-to-DMX conversion
• Resolved minor MAPS bugs
• Introduced color-blackout mode
• Added High-Fan and Quiet-Fan settings
• Fixed DMX Power and Special functions channel errors
• Corrected Wireless In to XLR Out transmission
• Prevented unintended blackout during settings adjustments
• Restored reliable position-protection mechanism

iSpiiderX

• Fixed REAP sACN settings and improved Ethernet protocol reception
• Improved Ethernet-to-DMX synchronization
• Enhanced LED PWM initialization
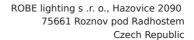• Optimized LED PWM startup and reduced power consumption

Painte

• Added support for CMY calibration on Virtual Color Wheel
• Enhanced framing shutter movement and thermal management

iPainte

• Added support for CMY calibration on Virtual Color Wheel
• Enhanced framing shutter movement and thermal management

iEsprite LTL

• Updated thermal management system

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- Enhanced effect wheel reset functionality
- Disabled high-power mode by default
- Implemented a built-in test program
- Added "max light intensity" reset in default settings
- Updated color macros
- Added compatibility for TE modules

SVB1

- Fixed REAP sACN settings and improved Ethernet protocol reception
- Updated pan/tilt speed channel values
- Improved Ethernet-to-DMX synchronization
- Enhanced thermal management
- Fixed DMX Power and Special functions channel errors
- Corrected Wireless In to XLR Out transmission
- Restored reliable SD card support

iPromotion

- MAPS improvement for higher movement precision.

iForte, iForte LTX

- Parking position fix

TX1 PosiProfile

- LEDs calibrations viewer added

T.5 Profile

- Added LED colour compensation approximation
- Improved EEPROM read, write and recovery routines
- Enhanced communication with pan/tilt feedback sensors

T2 Profile, T2 Wash

- Correct operation of LED on Time restored

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PixelPatt

• Improved sACN protocol handling and value receiving above DMX 255

iBeam 350, iSpiider

• Added support for Pressure test in CMY mode settings

To get these new features and all other Robe Software updates, for easy update, download and installation please use the Robe Uploader software for the Robe fixtures with Robe Navigation System 2 (RNS2) and use the Robe Toolkit for Robe fixtures the Robe Navigation System 3 (RNS3)