

Smokin'



Versions

This manual covers the following versions of the Smokin' remote:

- V1.0 JEM ZR20 Mk3
 - V2.0 JEM Technofog
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Introduction

The Smokin' remote has been designed to be a compatible replacement for the standard remote on JEM smoke machine. The remote has the following features:

- Self powered
- DMX512 intensity control
- Variable intensity wired remote connector
- Local manual fog button
- Ready and heating status indicators
- DMX512 data indicator

Installation

- Connect the controller into the remote control socket of the smoke machine via the wired 5-pin connector emerging from the top of the unit.
- Switch on the smoke machine
- Observe the ready and heating indicators
- Once the ready indicator is illuminated then the controller is ready to use.

Instructions For Use

DMX512 operation

- Connect the Smokin' controller in the DMX data chain. The incoming data connection should be connected to the DMX IN 5-pin XLR Plug. The DMX OUT 5-pin XLR Socket can be connected to further DMX equipment if required.
- Using the binary switches on the controller select the channel number that the unit should react to.
- The DMX Data indicator will illuminate if a valid data stream is being received.
- There is a direct relationship between the control channel intensity and the smoke output intensity. (0% = Off and 100% - Full On)
- If not using DMX it is recommended that the user configures a DMX address of zero which will disable DMX reception.

For Manual Fog Control

- Switch the "Manual Fog Enable" to the enabled state
- The Manual Fog button now can be used to trigger full on smoke intensity
- If not using the manual fog button it is recommended that the user disable the manual fog to reduce the chance of accidental triggers.

For Wired Remote Control

- Plug the wired remote into the 3-pin XLR plug remote connector. (see later for a suggested circuit)
- The wired remote will only operate if the ready indicator is illuminated
- The wired remote can report the status of the smoke machine and trigger variable intensity output.
- If not using the wired remote control it is recommended that the user disconnect the remote to reduce the chance of accidental triggers.

Troubleshooting

- The remote does not appear to work -
 - Check that the smoke machine is ready for operation
 - Check that the smoke machine is switched on
 - Check that the Smokin' controller is plugged into the smoke machine
 - Check that the remote is plugged into the Smokin' controller
- The DMX control not appear to work –
 - Check that the smoke machine is ready for operation
 - Check that the smoke machine is switched on
 - Check that the Smokin' controller is plugged into the smoke machine
 - Check that the DMX address is set correctly
 - Check that the DMX data indicator is illuminated
 - Terminate the DMX line
- The manual fog button does not appear to work –
 - Check that the smoke machine is ready for operation
 - Check that the smoke machine is switched on
 - Check that the Smokin' controller is plugged into the smoke machine
 - Check the manual fog enable switch is enabled

Wired Remote Suggested Circuit

- Suggested circuit for wired variable intensity remote.

