COBRA Pre-Show Checklist

Name:_____ Date:_____

The purpose of this checklist is to ensure that all equipment functionality, including continuity, signal strength, and battery levels, are verified prior to shooting your show. The pre-show checklist is performed in phases. For each phase, specific milestones are noted for the operator to confirm.

Phase I - Before you begin dropping modules, check batteries, label equipment, and confirm SYNC

For batteries, if you are firing a larger show, or a show where you have difficult access to equipment when armed, make sure all batteries are new or fully charged. For routine smaller shows with limited on-time, it's OK to reuse batteries, however this should be done only by experienced operators who understand their equipment's battery life.

Batteries	☑	Channel & Address Label	☑	All Modules and Audio Box SYNCED?	☑
Make sure all battery levels are 1P9 and 2P9.		Use a sharpie and tape to label the channel and address on each module.		Check each module to confirm it's synced. How to sync? See www.cobrafiringsystems.com/sync	

Phase II - Audio sound checks and Audio Box SYNC

Before wiring any modules, obtain the audio box(s) and connect to the sound system. Arm and fire your show on 18R2 to confirm the audio is starting and playing cleanly on the sound system with the correct sound levels.

Phase III - After wiring modules, check continuity locally on modules, re-confirm channel

After wiring all product in the field, have individuals clear the shoot site and perform local continuity checks on the modules. If you have the 18R2 present, this is also helpful to confirm missing script cues. Also, re-confirm that the channel and address labels match the module. Power off the 18R2.

Local Module Continuity	☑	Channel & Address Label	☑

Phase IV - Ready for final tests. Power on 18R / 18R2 from shoot position, test signal and test ARM your units

Turn the key to ARM on all modules. Goto shooting location and power on 18R2. If you have the control panel or booster, connect these as well to confirm function. Check all module continuity and signal. To improve signal, obtain better line of site. Go to an off-channel such as c99. ARM 18R or 18R2. Confirm correct module count. The time to arm should be about 1 - 2 seconds per module. Power off the 18R2.

Module Continuity	☑	Module Signal	☑	Seconds to ARM:	
Cycle through all modules to confirm continuity.		If not using Control Panel, cycle through each module, press SYNC several times. Confirm between 0 and -75.		# of Modules:	

Phase V - Repeat Phase IV 30 minutes and 15 minutes prior to show

Repeat the steps of Phase IV 30 minutes and 15 minutes prior to your show. Power off the 18R2 after 30 minutes prior test. After the 15 minute final check, leave the system ARMED and place the 18R2 into a safe non-firing channel.

30 MINUTES PRIOR	Module Continuity	☑	Module Signal	☑	Seconds to ARM:	
15 MINUTES PRIOR	Module Continuity	☑	Module Signal	☑	Seconds to ARM:	

Phase VI - Fire your Show!

At the time of your show, begin your manual or scripted show. After your show, if you find any failures, make sure to use our **Failure Checklist** to best help analyze the system or operator error to prevent problems in the future.

Reference our **Common Troubleshooting Reference** for common error codes and how-to-fix situations

Questions? Contact Scott Smith (518) 222-7410 or email ssmith@cobrafiringsystems.com