



ARRI TECHNICAL NOTE P - 1033

WRS Power On Procedure November 8, 2004

Summary

This note explains the proper procedure for powering up the ARRI Wireless Remote System.

To Power Up The ARRI Wireless Remote System

1. Make sure the hand radio (WMU-2 or WMU-3) is off.
2. Make sure the RF rotating switch on the camera side radio (UMC-3, UMC-1, ARRICAM Lens Data Box or 435 FEM-2) is set to a channel from 0 through 7.
3. Make sure the RF rotating switch on the hand radio (WMU-2 or WMU-3) is set to the same channel as the RF rotating switch on the camera side radio (UMC-3, UMC-1, ARRICAM Lens Data Box or 435 FEM-2).
4. Turn on the unit that the camera side radio is connected to. This could be the ARRICAM Studio, ARRICAM Lite, 435, UMC-3 or UMC-1.
5. WAIT FOR THE RF LED ON THE CAMERA SIDE RADIO TO TURN GREEN (blinking or glowing steadily).
6. Turn the hand radio (WMU-2 or WMU-3) on.

**It is a common mistake to turn the hand radio (WMU-2 or WMU-3)
on before the camera radio RF LED is green.
Wait until the RF LED is green!**

Note: Most camera radio configurations (ARRICAM with Lens Data Box, 435 Xtreme or 435/FEM-2 and URM, UMC-1 with a URM, UMC-3) take about six seconds to power up and show a green RF LED. The only configuration that started up faster was the UMC-1 with the URM-1, which leads some to expect the UMC-1 with URM-2 or URM-3 to start up equally fast. Since the fast start up time of the UMC-1/URM-1 configuration has led to problems in the past, the longer but safer start up procedure that is used in all other camera radio configuration has now also been implemented for the UMC-1 with URM-2/URM-3 and for the UMC-3.

Note: If the hand radio (WMU-2 or WMU-3) is turned on while the RF LED on the camera radio is not yet green or green flashing, the hand radio will not be able to establish contact with the camera radio, even when the camera radio RF LED subsequently turns green. To remedy this situation, turn the hand radio off for 10 seconds, then follow the proper power up procedure as described above.

Note: When turning the camera radio off/on (i.e. to change RF channels), it must be off for about 10 seconds before it can be turned on again.

For more information on this issue, please contact your local ARRI representative.
Technical data are subject to change without notice.