

CAMERA SYNC AND TRIGGER CONNECTIONS

PRODUCTION CAMERAS						
CAMERA TYPE-MODEL	MPMC Sync Cable	Camera Accessory	3 rd Party adapters	SYNC Output	TRIGGER Input	Notes
ARRI Film Cameras	ARRI			R/S	R/S	
ARRI Alexa – LF – SXT	ARRI			R/S	R/S	
ARRI Alexa Mini	ARRI	ARRI EXT-R/S adapter		R/S	R/S	
ARRI Alexa Mini LF	ARRI			R/S	R/S	
Phantom Flex 2K	PHANTOM		2 x Male-Male BNC	F-Sync	Trigger	* Set to F-Sync from Camera Menu
Phantom Flex 4K	PHANTOM	Phantom Mini BOB	2 x Male-Male BNC	Aux 1 / Aux 2 *	Trigger	
Phantom VEO	PHANTOM		2 x Male-Male BNC	F-Sync/P	Trigger	
RED Epic	EPIC	2 x RED 3BNC-to-00 Sync		CTRL	SYNC	3.3v Trigger
RED DSMC1	EPIC	2 x RED 3BNC-to-00 Sync		CTRL	SYNC	3.3v Trigger
RED DSMC2 Base Expander	EPIC	2 x RED 3BNC-to-00 Sync		CTRL	SYNC	3.3v Trigger
REDVOLT Expander	EPIC	1 x RED 3BNC-to-00 Sync		CTRL		Sync Only
Jet-Pack Expander	EPIC/PHANTOM	1 x RED 3BNC-to-00 Sync	Switch to EPIC for SYNC on	CTRL	SYNC	Switch to PHANTOM for Contact Closure Trigger
V-Lock Expander	EPIC/PHANTOM	1 x RED 3BNC-to-00 Sync	Switch to EPIC for SYNC on	CTRL	SYNC	Switch to PHANTOM for Contact Closure Trigger
Production Module	ARRI				24V R/S	Trigger Only
Production Module	EPIC	1 x RED 3BNC-to-00 Sync		CTRL		Sync Only
Top Plate Expander	ARRI				START/STOP	Trigger Only
RED Ranger Monstro	EPIC/ARRI	1 x RED 3BNC-to-00 Sync	Switch to EPIC for SYNC on	CTRL	24V R/S	Use ARRI Sync cable for Contact Closure Trigger
RED Komodo w. Expander Module	EPIC	1 x RED 3BNC-to-00 Sync	Male-Male BNC	CTRL	GPI***	*** Direct BNC from MPMC Sync Cable

With the following cameras it is possible to SYNC only to an SD-HD analogue reference signal on the RT-14 BNC Video In port						
CAMERA TYPE-MODEL	MPMC Sync Cable	Camera Accessory	External SYNC	SYNC Input	TRIGGER Input	Notes
ARRI Amira	ARRI	BNC Cable	AJA Gen10	RET/SYNC IN **	R/S	** BNC Genlock Ref. From external SD-HD analogue source only at standard speeds: 23.98P, 24P, 25P, 29.97P, 30P 50i, 50P, 59.94i, 59.94P, 60i, 60P
Sony Venice	ARRI	BNC Cable	AJA Gen10	GENLOCK **	R/S	
Sony F5 – F55	N/A	BNC Cable	AJA Gen10	GENLOCK IN **	N/A	
Sony FS7	LANC	Male 2.5 TRS Extension	AJA Gen10	GENLOCK IN **	REMOTE	
Blackmagic Ursa Mini	LANC	Male 2.5 TRS Extension	AJA Gen10	REF IN **	LANC	if Camera has a MONITOR or REF Output which can be set to ANALOG the signal can be routed directly from camera to RT-14 BNC VIDEO IN with no need for an External Sync Generator
Canon C300 – C500	LANC	Male 2.5 TRS Extension	AJA Gen10	GENLOCK **	REMOTE	

DSLR Cameras (Stop Motion Only - No Sync)						
CAMERA TYPE-MODEL	MPMC Sync Cable	Camera Accessory	3 rd Party adapters	SYNC Output	TRIGGER Input	Notes
Nikon DSLR	Female 2.5 TRS	Male 2.5 TRS – Nikon Remote		N/A	Remote (10 pin)	
Canon DSLR	Female 2.5 TRS	Male 2.5 TRS – Canon Remote		N/A	Remote (N3)	