

# IVM 4

## SPC 4 - ESSENTIALS

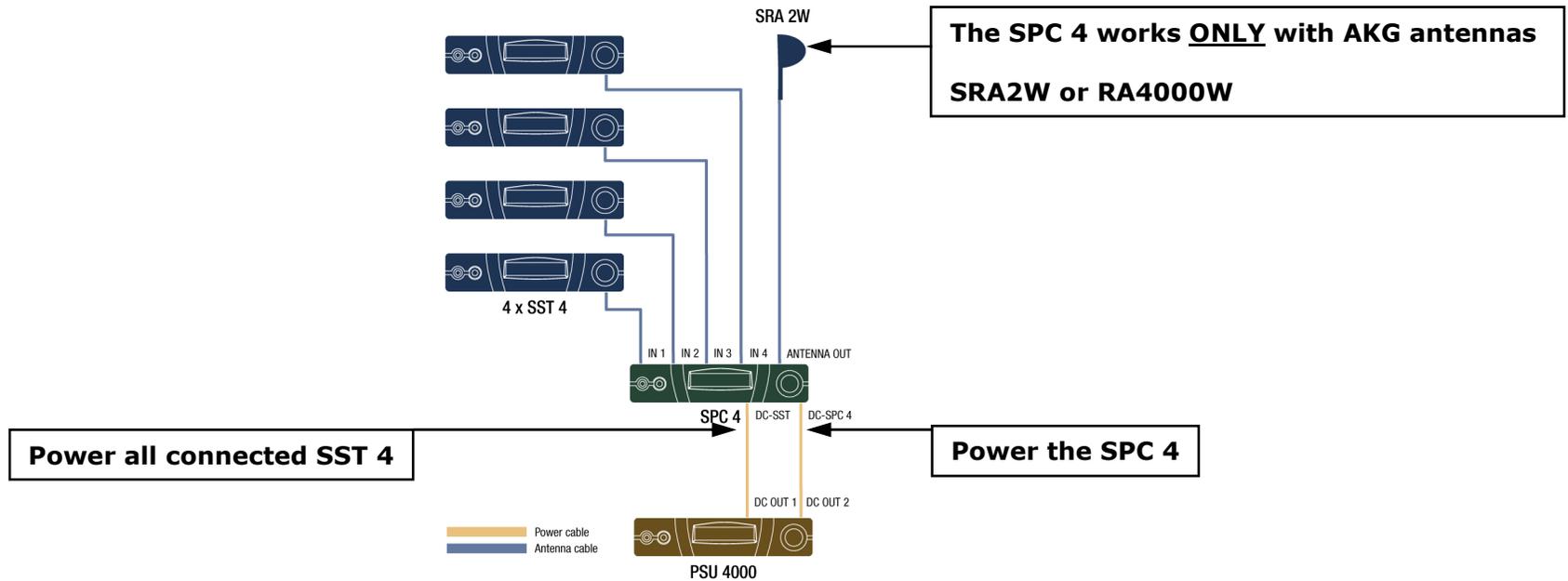
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# SPC 4: SETUP

## Single SPC 4 Setup:



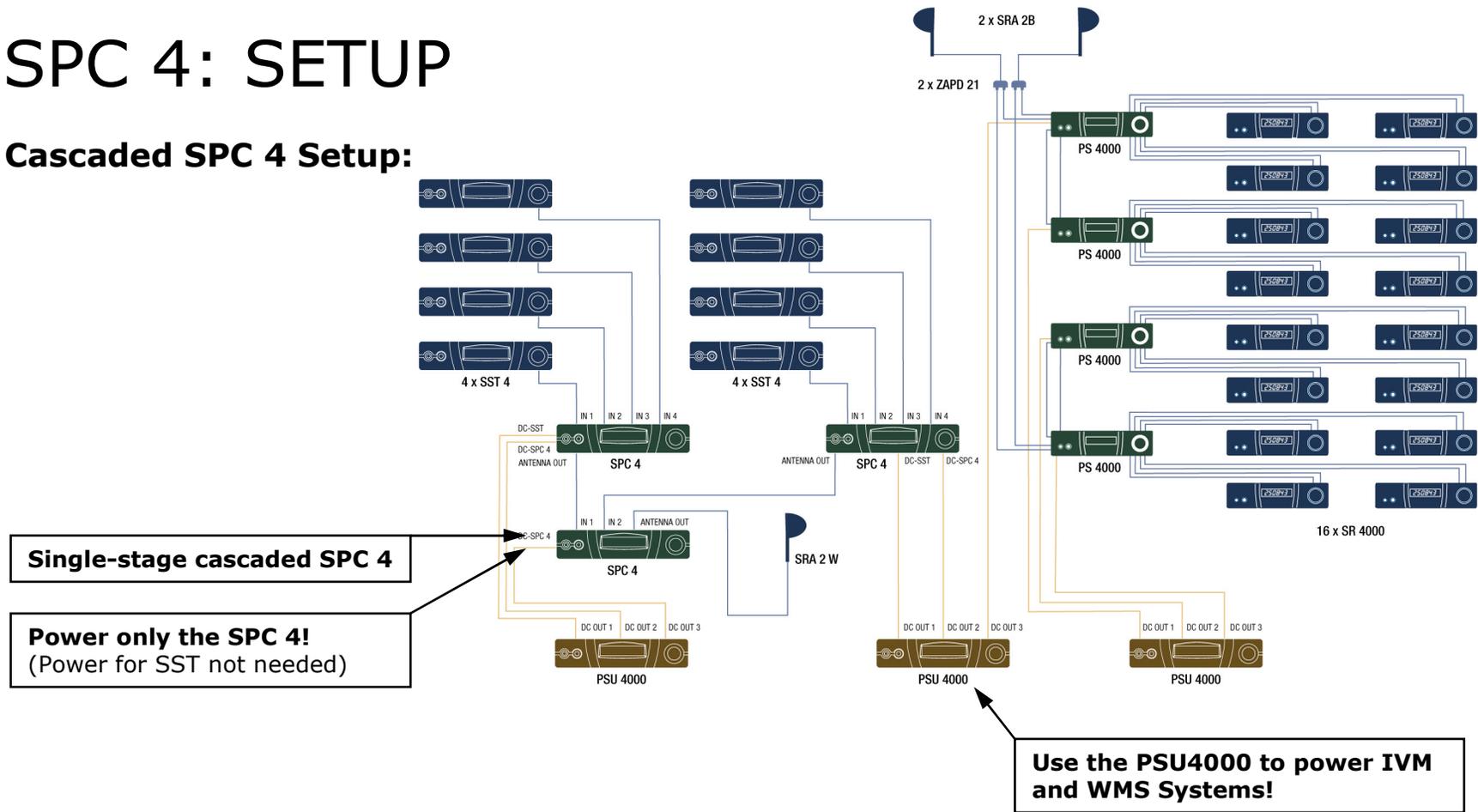
**NOTE:** AKG recommends to use one SPC 4 / one antenna per 4 channels SST 4 !

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# SPC 4: SETUP

## Cascaded SPC 4 Setup:



**NOTE:** AKG recommends to use one SPC 4 / one antenna per 4 channels SST 4!  
Contact your local AKG dealer before using a single-stage cascaded SPC 4!

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# SPC 4: Multichannel Conditions

		RF Power Level at SST 4			
		10mW	20mw	50mW	100mW
No. of channels					
1	Single SPC 4	...	...	...	...
2		...	...	...	...
3		...	...	...	...
4		...	...	...	...
5	Cascaded SPC 4	...	...	...	...
6		...	...	...	...
7		...	...	...	...
8		...	...	...	...
9		...	...	...	...
10		...	...	...	...
11		...	...	...	...
12		...	...	...	...
13		...	...	...	...
14		...	...	...	...
15		...	...	...	...
16		...	...	...	...

**NOTE:** AKG recommends to use only single SPC 4 setups!

-  ... Possible
-  ... Please contact your local AKG dealer
-  ... Not possible



## SPC 4: KEEP IN MIND!

- ❖ **Use only passive AKG antennas with SPC 4: SRA2W or RA4000W**
- ❖ **Use short cable lengths between SPC 4 and antenna: Maximum is 10m for a RG58 cable**
- ❖ **Set SST 4 RF output power according to slide: 'SPC 4 Multichannel Conditions'**
- ❖ **All connected SST 4 transmitters should operate in the same frequency band**
- ❖ **LED Status**
  - **Green: System is working fine**
  - **Red: The antenna combiner has overheated or no AKG antenna is connected. The internal amplifier shuts down in both cases.**
- ❖ **The SPC4 has two power supply jacks**
  - **One to power the SPC 4: labeled DC ONLY- 12V/1.4A - SPC4**
  - **One to power all connected SST 4: labeled DC ONLY – 12V/2A – SST Power Supply**
- ❖ **If you are NOT using the PSU 4000**
  - **Power the SPC 4 with the CU 4000 power supply (AC-CU4000, 1.4A)**
  - **Power all connected SST 4 separately with the provided power supply (AC12, 500mA)**

