



UPDATED: 2010/12/10





### DMX CONTROL SYSTEM

#### •DMX control system

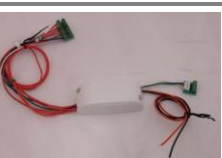
Model	Picture	Article Description	unit
<b>Muses</b> (AWCL-300-6P-Audio-DMX-9CH)	 	<p><b><u>Multi-channels audio synchronized DMX Control System</u></b></p> <p><b>A. A Multi-channels audio synchronized DMX Console</b></p> <ol style="list-style-type: none"> <li>1. size: 110mm x 70mm x 23mm (L x W x H).</li> <li>2. DMX console, 27 DMX Channels, built-in 6 programs with dimmer function, with Audio synchronized sound controll function.</li> <li>3. Standard DMX-512A protocol support.</li> <li>4. Working current: 4A per channel x 3 channels ( RGB). Power input: DC 10V~30V input.</li> <li>5. Output power: 150W/DC12V or 300W/DC24V.</li> <li>6. With IR remote controller.</li> </ol> <p><b>B. 9 sets 3 Channels DMX Decoder with 21pcs RGB LED lighting cluster set</b></p> <p><b>1. DMX DECODER</b></p> <ol style="list-style-type: none"> <li>1.1 built-in 3 channels DMX Decoder, standard DMX-512A protocol support.</li> <li>1.2 Buit-in 8 DIP Switcher for setting DMX address.</li> <li>1.3 Working current: 2A per channel x 3 channels ( RGB).</li> <li>1.4 Power input: DC 10V~30V input.</li> <li>1.5 Output power: 72W/DC12V or 144W/DC24V.</li> </ol> <p><b>2. RGB LED Lighting Cluster</b></p> <ol style="list-style-type: none"> <li>2.1 5.0mm x 5.0mm RGB LED, 21pcs LED per cluster.</li> <li>2.2 with light weight plastic case and flexible wires for easy installation.</li> <li>2.3 Outrput watts: 4.5W per set.</li> <li>2.4 Power Input: constant voltage DC 12V.</li> <li>2.5 LED current: 375 mA.</li> <li>2.6 size: ø120mm x high 62mm.</li> </ol>	<p><b>One set</b>            (one DMX conclc with one IR remote controller and 9 decoder lighting sets)</p>

The "MUSES" is included with a AWCL-300-6P-Audio-DMX and 9 sets decoder lights; the Decoder lights is included with a "Hermes" and a "Globe".

You may order a set of MUSES, or order these items separately. These items are list as below:




AWCL-300-6P-Audio-DMX		<p><b><u>Multi-channels audio synchronized DMX Control System</u></b></p> <ol style="list-style-type: none"> <li>1. size: 110mm x 70mm x 23mm (L x W x H).</li> <li>2. <b>DMX console</b>, 27 DMX Channels, built-in 6 programs with dimmer function, with Audio synchronized sound controll function.</li> <li>3. Standard DMX-512A protocol support.</li> <li>4. Working current: 4A per channel x 3 channels ( RGB). Power input: DC 10V~30V input.</li> <li>5. Output power: 150W/DC12V or 300W/DC24V.</li> <li>6. With IR remote controller.</li> </ol>	<p><b>One set</b>            (one DMX conclc with one IR remote controller)</p>
<b>Hermes &amp; Globe</b>		<p><b><u>3 Channels DMX Decoder with 21pcs RGB LED lighting cluster set</u></b></p> <p><b>1. DMX DECODER</b></p> <ol style="list-style-type: none"> <li>1.1 built-in 3 channels DMX Decoder, standard DMX-512A protocol support.</li> <li>1.2 Buit-in 8 DIP Switcher for setting DMX address.</li> <li>1.3 Working current: 2A per channel x 3 channels ( RGB).</li> <li>1.4 Power input: DC 10V~30V input.</li> <li>1.5 Output power: 72W/DC12V or 144W/DC24V.</li> </ol> <p><b>2. RGB LED Lighting Cluster</b></p> <ol style="list-style-type: none"> <li>2.1 5.0mm x 5.0mm RGB LED, 21pcs LED per cluster.</li> <li>2.2 with light weight plastic case and flexible wires for easy installation.</li> <li>2.3 Outrput watts: 4.5W per set.</li> <li>2.4 Power Input: constant voltage DC 12V.</li> <li>2.5 LED current: 375 mA.</li> <li>2.6 size: ø120mm x high 62mm.</li> </ol>	<p><b>One set</b>            (one DMX decoder with a RGB LED cluster)</p>
<b>Hermes</b> (AWCL-120-DMX-D3C)		<p><b><u>3 Channels DMX Decoder</u></b></p> <ol style="list-style-type: none"> <li>1. size: 100mm x 43mm x 30mm (L x W x H).</li> <li>2. <b>3 channels DMX Decoder</b>, standard DMX-512A protocol support.</li> <li>3. Buit-in 8 DIP Switcher for setting DMX address.</li> <li>4. Working current: 2A per channel x 3 channels ( RGB).</li> <li>5. Output power: 72W/DC12V or 144W/DC24V.</li> </ol>	<p><b>One set</b>            (one DMX decoder)</p>
<b>GlobeT21</b>		<p><b><u>RGB LED Lighting Cluster</u></b></p> <ol style="list-style-type: none"> <li>1. 5.0mm x 5.0mm RGB LED, 21pcs LED per cluster.</li> <li>2. with light weight plastic case and flexible wires for easy installation.</li> <li>3. Outrput watts: 4.5W per set.</li> <li>4. Power Input: constant voltage DC 12V.</li> <li>5. LED current: 375 mA.</li> <li>6. size: ø120mm x high 62mm.</li> </ol>	<p>One unit</p>

#### •DMX DECODER SERIES


Model	Picture	Article Description	unit
AWCL-160-DMX-D4C		<p><b><u>4 channels DMX Decoder</u></b></p> <ol style="list-style-type: none"> <li>1. size: 100mm x 43mm x 30mm (L x W x H).</li> <li>2. 4 Channels DMX decoder, Standard DMX-512A protocol support.</li> <li>3. Buit-in 8 DIP Switcher for setting DMX address.</li> <li>4. Working current: 2A per channel x 4 channels.</li> <li>5. Output power: 72W/DC12V or 144W/DC24V.</li> </ol>	<p><b>One set</b>            (one DMX decoder)</p>

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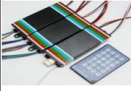
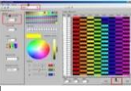
### RGB CONTROLLERS

Model	Picture	Article Description	unit
<b>Beethoven</b> (AWCL-300-6P-Audio)		<b>3 Channels audio synchronized RGB Controller</b> 1. size: 110mm x 70mm x 23mm (L x W x H). 2. <b>RGB LED controller</b> , built-in 6 programs with dimmer function, with Audio synchronized sound controll function. 3. Working current: 4A per channel x 3 channels ( RGB). Power input: DC 10V~30V input. 4. Output power: 150W/DC12V or 300W/DC24V. 5. With IR remote controller.	<b>One set</b> (one controller with one IR remote controller)
<b>Venus</b> (AWCL-120-6P)		<b>Mini 6 Programs RGB Controller</b> 1. size: 100mm x 43mm x 30mm (L x W x H). 2. RGB LED controller, built-in 6 programs with dimmer function. 3. Working current: 2A per channel x 3 channels ( RGB). Power input: DC 10V~30V input. 4. Output power: 72W/DC12V or 144W/DC24V. 5. With IR remote controller.	<b>One set</b> (one controller with one IR remote controller)
AWCL-300-R		<b>3 Channels RGB Repeater.</b> 1. size: 110mm x 70mm x 23mm (L x W x H). 2. RGB signal repeater. 3. Working current: 4A per channel x 3 channels ( RGB). Power input: DC 10V~30V input. 4. Output power: 150W/DC12V or 300W/DC24V.	<b>One set</b> (one Repeater)

### •Dimmer SERIES

Model	Picture	Article Description	unit
<b>Apollo</b> (AWDM-400-3CH)		<b>3 Channels Dimmer Controller</b> 1. size: 110mm x 70mm x 23mm (L x W x H). 2. 3 output port could be set as one lighting group or set as 3 lighting areas. 3. control via IR remote controller or knob(VR button). 4. Working current: 6A per channel x 3 channels. Power input: DC 10V~30V input. 5. Output power: 216W/DC12V or 432W/DC24V.	<b>One set</b> (one dimmer with IR remote controller/ or one dimmer with one VR knob)
Coming soon		<b>Dimmer Signal Repeater</b>	

### "Multi Channel RGB Controller" – USB Programmable Function!!

Model	Picture	Article Description	unit
AWMC-060-8P-4CH		<b>4 Channel RGB controller with 8 Programs and USB programmable function</b> 1. 2 unit x per size: 110mm x 45mm x 27mm (L x W x H). 2. RGB controller, built-in 8 programs and could be programmable by USB port Connecting with PC. 3. Output: 4 channels x 30W/DC12V, 4 channels x 60W/DC24V, 10A. 5. With a IR remote controller.	<b>One set</b> (one RGB controller , one 4 channels decoder with one IR remote controller)
AWMC-060-8P-8CH		<b>8 Channel RGB controller with 8 Programs and USB programmable function</b> 1. 3 unit x per size: 110mm x 45mm x 27mm (L x W x H). 2. RGB controller, built-in 8 programs and could be programmable by USB port Connecting with PC. 3. Output: 8 channels x 30W/DC12V, 8 channels x 60W/DC24V, 10A. 5. With a IR remote controller.	<b>One set</b> (one RGB controller , 2 sets 4 channels decoder with one IR remote controller)
AWMC-060-8P-12CH		<b>12 Channel RGB controller with 8 Programs and USB programmable function</b> 1. 4 unit x per size: 110mm x 45mm x 27mm (L x W x H). 2. RGB controller, built-in 8 programs and could be programmable by USB port Connecting with PC. 3. Output: 12channels x 30W/DC12V, 12 channels x 60W/DC24V, 10A. 5. With a IR remote controller.	<b>One set</b> (one RGB controller , 3 sets 4 channels decoder with one IR remote controller)







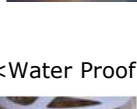


# ALPHAWAVE PHOTONICS CORP.

## Product List--LED Modules

UPDATED: 2010/11/16

### LED MODULES

"30PCS x 5050/meter, 12V Flexible Strips"

Model	Picture	Article Description	unit
BIFL/SIFL/FIFL-T30-5050- <b>RGB</b> -12v-5m	<Bare Board> 	<b>RGB</b> 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T30-5050 <b>WW</b> -12v-5m		<b>Warm White, 2700-2900k</b> 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T30-5050 <b>OW</b> -12v-5m	<Semi-Waterproof> 	<b>Cool White, 6000-6500k</b> 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T30-5050 <b>OY</b> -12v-5m		<b>Amber</b> , 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T30-5050 <b>OR</b> -12v-5m		<b>Red</b> , 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T30-5050 <b>OB</b> -12v-5m	<Water Proof> 	<b>Blue</b> , 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T30-5050 <b>OG</b> -12v-5m		<b>Green</b> , 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
<b>Flexible strip type:</b> 1. BIFL-T30-5050-xx-12v-5m (Bare board) 2. SIFL-T30-5050-xx-12v-5m (Semi-Waterproof_Strip with silicon cover) 3. FIFL-T30-5050-xx-12v-5m (Waterproof_Strip filled epoxy inside silicon cover)		1. 30pcs LED per meter, total 5 metersx12mm width with 150pcs LEDs per roll. 2. Output watts:5 meters x 7W, total power watts 35W. 3. Power Input: constant voltage DC 12V. 4. could be cut to each section 100mm long with 3 PCS 5mmx5mm LED.	



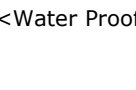


# ALPHAWAVE PHOTONICS CORP.

## Product List--LED Modules

UPDATED: 2010/11/16

**"60PCS x 5050/meter, 12V Flexible Strips, bare board"**

Model	Picture	Article Description	unit
BIFL/SIFL/FIFL-T60-5050- <b>RGB</b> -12v-5m	<Bare Board> 	<b>RGB</b> 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-5050 <b>WW</b> -12v-5m	 <Semi-Waterproof>	<b>Warm white, 2700-2900K</b> 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-5050 <b>OW</b> -12v-5m		<b>Cool White, 6000-6500K</b> 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-5050 <b>OY</b> -12v-5m		<b>Amber</b> , 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-5050 <b>OR</b> -12v-5m		<b>Red</b> , 3-in-1 5mm x 5mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-5050 <b>OB</b> -12v-5m		<Water Proof> 	<b>Blue</b> , 3-in-1 5mm x 5mm LEDs Flexible strip
BIFL/SIFL/FIFL-T60-5050 <b>OG</b> -12v-5m	<b>Green</b> , 3-in-1 5mm x 5mm LEDs Flexible strip		One Roll (5 meters)
<b>Flexible strip type:</b> 1. BIFL-T60-5050-xx-12v-5m (Bare board) 2. SIFL-T60-5050-xx-12v-5m (Semi-Waterproof_Strip with silicon cover) 3. FIFL-T60-5050-xx-12v-5m (Waterproof_Strip filled epoxy inside silicon cover)		1. 60pcs LED per meter, total 5 metersx12mm width with 300pcs LEDs per roll. 2. Output watts:5 meters x 14W, total power watts 70W. 3. Power Input: constant voltage DC 12V. 4. could be cut to each section 50mm long with 3 PCS 5mmx5mm LED.	




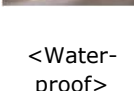




# ALPHAWAVE PHOTONICS CORP.

## Product List--LED Modules

UPDATED: 2010/11/16

### "60PCS x 3528/meter, 12V Flexible Strips"

Model	Picture	Article Description	unit
BIFL/SIFL/FIFL-T60-3528 <b>WW</b> -12v-5m	<Bare board> 	<b>Warm White, 2700-2900k</b> 3.5mm x 2.8mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-3528 <b>OW</b> -12v-5m	<Semi-Waterproof> 	<b>Cool White, 6000-6500k</b> 3.5mm x 2.8mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-3528 <b>OY</b> -12v-5m		<b>Amber,</b> 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-3528 <b>OR</b> -12v-5m		<b>Red,</b> 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-3528 <b>OB</b> -12v-5m	<Water-proof> 	<b>Blue,</b> 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T60-3528 <b>OG</b> -12v-5m		<b>Green,</b> 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
<b>Flexible strip type:</b> 1. BIFL-T60-3528-xx-12v-5m (Bare board) 2. SIFL-T60-3528-xx-12v-5m (Semi-Waterproof_Strip with silicon cover) 3. FIFL-T60-3528-xx-12v-5m (Waterproof_Strip filled epoxy inside silicon cover)		1. 60pcs LED per meter, total 5 meters x 8mm width with 300pcs LEDs per roll. LED color: green. 2. Output watts: 5 meters x 4.5W, total power watts 22.5W. 3. Power Input: constant voltage DC 12V. 4. could be cut to each section 50mm long with 3 PCS 3.5mmx2.8mm LED.	









# ALPHAWAVE PHOTONICS CORP.

## Product List--LED Modules

UPDATED: 2010/11/16

**"120PCS x 3528/meter, 12V Flexible Strips, Bare Board"**

Model	Picture	Article Description	unit
BIFL/SIFL/FIFL-T120-3528 <b>WW</b> -12v-5m	<Bare board> 	<b>Warm White, 2700-2900k</b> 3.5mm x 2.8mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T120-3528 <b>OW</b> -12v-5m	<Semi-Waterproof> 	<b>Cool White, 6000-6500k</b> 3.5mm x 2.8mm LEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T120-3528 <b>OY</b> -12v-5m		<b>Amber</b> , 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T120-3528 <b>OR</b> -12v-5m	<Water-proof> 	<b>Red</b> , 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T120-3528 <b>OB</b> -12v-5m		<b>Blue</b> , 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
BIFL/SIFL/FIFL-T120-3528 <b>OG</b> -12v-5m		<b>Green</b> , 3.5mm x 2.8mmLEDs Flexible strip	One Roll (5 meters)
<b>Flexible strip type:</b> 1. BIFL-T120-3528-xx-12v-5m (Bare board) 2. SIFL-T120-3528-xx-12v-5m (Semi-Waterproof_Strip with silicon cover) 3. FIFL-T120-3528-xx-12v-5m (Waterproof_Strip filled epoxy inside silicon cover)		1. 120pcs LED per meter, total 5 meters x 8mm width with 600pcs LEDs per roll. LED color: green. 2. Output watts: 5 meters x 9W, total power watts 45W. 3. Power Input: constant voltage DC 12V. 4. could be cut to each section 25mm long with 3 PCS 3.5mmx2.8mm LED.	




# ALPHAWAVE PHOTONICS CORP.

## Product List--LED Modules

UPDATED: 2010/11/16

### Runnung LED Flexible strips

Model	Picture	Article Description	unit
AWRL-T32-5050-RGB-5V-5M	<p><b>Semi-Waterproof f_Strip with silicon cover</b></p> 	<p><b>RGB 3-in-1 5mm x 5mm LEDs Running strip</b></p> <ol style="list-style-type: none"> <li>32pcs LED per meter, total 5 metersx16mm width with 160pcs LEDs per roll.</li> <li>Outrput watts:5 meters x 11.4W, total power watts 57W.</li> <li>Power Input: constant voltage DC 5V.</li> <li>could be cut to each section 62mm long with 2 PCS 5mmx5mm LED.</li> <li>Flexible PCB with Silicon cover, semi-waterproof.</li> </ol>	One Roll (5 meters)






# ALPHAWAVE PHOTONICS CORP.

## Product List


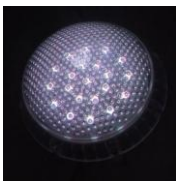
UPDATED: 2010/12/10

### LED Cluster

#### LED Cluster, Water Proof

Model	Picture	Article Description	unit
AWLC-TC2-5050-RGB-4516-12V	Waterproof (with a clear plastic case) 	<b>LED Cluster with 2pcs RGB 3 in 1 5mm x 5mm LED.</b> 1. Each unit cluster size 45mm x 16mm with 2 pcs <b>RGB 3-in-1 5mm x 5mm LEDs</b> . Total 4.2 meters/50 unit per chain, 100pcs LEDs. 2. Output watts: 50 units x 0.72W, total power watts 36W. 3. Power Input: constant voltage DC 12V. 4. Each unit could be cut and with a screw hole for easy installation.	One Chain (50 Units)
AWLC-TC2-5050-XX-4516-12V	Waterproof (with a clear plastic case)  	<b>LED Cluster with 2pcs 3 in 1 5mm x 5mm LED.</b> 1. Each unit size 45mm x 16mm with 2 pcs <b>Warm White/Cool White/Red/Green/Blue/Amber 3-in-1 5mm x 5mm LEDs</b> . Total 4.2 meters/50 unit per chain, 100pcs LEDs. 2. Output watts: 50 units x 0.72W, total power watts 36W. 3. Power Input: constant voltage DC 12V. 4. Each unit could be cut and with a screw hole for easy installation.	One Chain (50 Units)

#### LED Cluster, Semi-Water Proof

Model	Picture	Article Description	unit
<b>GlobeT21</b>	 	<b>RGB LED Lighting Cluster</b> 1. 5.0mm x 5.0mm RGB LED, 21pcs(T21) LED per cluster. 2. with light weight plastic case and flexible wires for easy installation. 3. Output watts: 4.5W per set. 4. Power Input: constant voltage DC 12V. 5. LED current: 375 mA. 6. size: ø120mm x high 62mm.	One unit