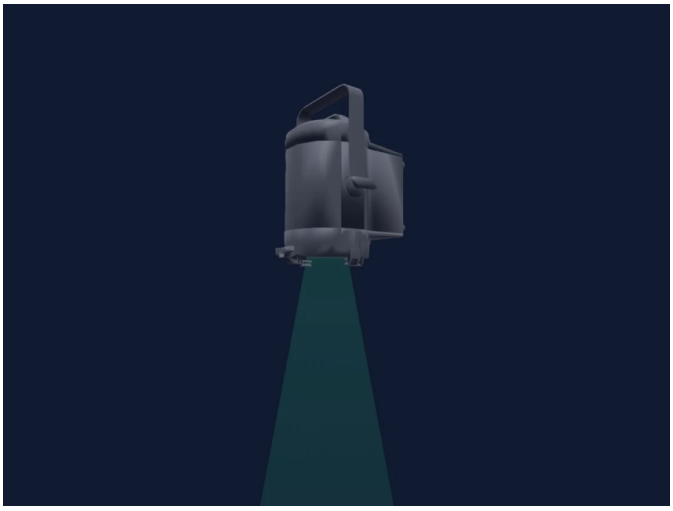
ADJ

Encore FR Pro Color



Manufacturer	**ADJ**
Type	**Spot**
DMX modes	**5**
DMX footprint	**13, 14, 17, 19 channels**
Beam angle	**9-37°**
Size (W × H × D)	**260 × 410 × 360 mm**
GDTF fixture type	**13A66FC8-CF9F-455F-9004-895…**

Controls

Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

13CH STD CMY	13 ch
14CH Basic	14 ch
17CH STD	17 ch
19CH EXT	19 ch
19CH EXT CMY	19 ch

13CH STD CMY

13 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	Color Wheel	0	0–0 Off (wheel slot 1) 1–255 Linear From 2400K to 8500K (wheel slot 63)

13CH STD CMY (continued)

Ch	Function	Default	DMX values
5	Color Wheel 2	24	0–23 Open (wheel slot 1) 24–24 2400K (wheel slot 2) 25–25 2500K (wheel slot 3) 26–26 2600K (wheel slot 4) 27–27 2700K (wheel slot 5) 28–28 2800K (wheel slot 6) 29–29 2900K (wheel slot 7) 30–30 3000K (wheel slot 8) 31–31 3100K (wheel slot 9) 32–32 3200K (wheel slot 10) 33–33 3300K (wheel slot 11) 34–34 3400K (wheel slot 12) 35–35 3500K (wheel slot 13) 36–36 3600K (wheel slot 14) 37–37 3700K (wheel slot 15) 38–38 3800K (wheel slot 16) 39–39 3900K (wheel slot 17) 40–40 4000K (wheel slot 18) 41–41 4100K (wheel slot 19) 42–42 4200K (wheel slot 20) 43–43 4300K (wheel slot 21) 44–44 4400K (wheel slot 22) 45–45 4500K (wheel slot 23) 46–46 4600K (wheel slot 24) 47–47 4700K (wheel slot 25) 48–48 4800K (wheel slot 26) 49–49 4900K (wheel slot 27) 50–50 5000K (wheel slot 28) 51–51 5100K (wheel slot 29) 52–52 5200K (wheel slot 30) 53–53 5300K (wheel slot 31) 54–54 5400K (wheel slot 32) 55–55 5500K (wheel slot 33) 56–56 5600K (wheel slot 34) 57–57 5700K (wheel slot 35) 58–58 5800K (wheel slot 36) 59–59 5900K (wheel slot 37) 60–60 6000K (wheel slot 38) 61–61 6100K (wheel slot 39) 62–62 6200K (wheel slot 40) 63–63 6300K (wheel slot 41) 64–64 6400K (wheel slot 42) 65–65 6500K (wheel slot 43) 66–66 6600K (wheel slot 44) 67–67 6700K (wheel slot 45) 68–68 6800K (wheel slot 46) 69–69 6900K (wheel slot 47) 70–70 7000K (wheel slot 48) 71–71 7100K (wheel slot 49) 72–72 7200K (wheel slot 50) 73–73 7300K (wheel slot 51) 74–74 7400K (wheel slot 52) 75–75 7500K (wheel slot 53) 76–76 7600K (wheel slot 54) 77–77 7700K (wheel slot 55) 78–78 7800K (wheel slot 56) 79–79 7900K (wheel slot 57) 80–80 8000K (wheel slot 58) 81–81 8100K (wheel slot 59) 82–82 8200K (wheel slot 60) 83–83 8300K (wheel slot 61) 84–84 8400K (wheel slot 62) 85–255 8500K (wheel slot 63)

13CH STD CMY (continued)

Ch	Function	Default	DMX values
6	Color3	0	
7	Tint	0	0–0 NO Function 1–255 Shift CT Red to Green
8	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
9	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
10	Zoom	127	
11	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
12	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
13	Function	0	

14CH Basic

14 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

14CH Basic (continued)

Ch	Function	Default	DMX values
4	Color Add RY	0	
5	Color Add C	0	
6	Color Add GY	0	
7	Color Wheel	0	0–0 Off (wheel slot 1) 1–255 Linear From 2400K to 8500K (wheel slot 63)

14CH Basic (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	24	0–23 Open (wheel slot 1) 24–24 2400K (wheel slot 2) 25–25 2500K (wheel slot 3) 26–26 2600K (wheel slot 4) 27–27 2700K (wheel slot 5) 28–28 2800K (wheel slot 6) 29–29 2900K (wheel slot 7) 30–30 3000K (wheel slot 8) 31–31 3100K (wheel slot 9) 32–32 3200K (wheel slot 10) 33–33 3300K (wheel slot 11) 34–34 3400K (wheel slot 12) 35–35 3500K (wheel slot 13) 36–36 3600K (wheel slot 14) 37–37 3700K (wheel slot 15) 38–38 3800K (wheel slot 16) 39–39 3900K (wheel slot 17) 40–40 4000K (wheel slot 18) 41–41 4100K (wheel slot 19) 42–42 4200K (wheel slot 20) 43–43 4300K (wheel slot 21) 44–44 4400K (wheel slot 22) 45–45 4500K (wheel slot 23) 46–46 4600K (wheel slot 24) 47–47 4700K (wheel slot 25) 48–48 4800K (wheel slot 26) 49–49 4900K (wheel slot 27) 50–50 5000K (wheel slot 28) 51–51 5100K (wheel slot 29) 52–52 5200K (wheel slot 30) 53–53 5300K (wheel slot 31) 54–54 5400K (wheel slot 32) 55–55 5500K (wheel slot 33) 56–56 5600K (wheel slot 34) 57–57 5700K (wheel slot 35) 58–58 5800K (wheel slot 36) 59–59 5900K (wheel slot 37) 60–60 6000K (wheel slot 38) 61–61 6100K (wheel slot 39) 62–62 6200K (wheel slot 40) 63–63 6300K (wheel slot 41) 64–64 6400K (wheel slot 42) 65–65 6500K (wheel slot 43) 66–66 6600K (wheel slot 44) 67–67 6700K (wheel slot 45) 68–68 6800K (wheel slot 46) 69–69 6900K (wheel slot 47) 70–70 7000K (wheel slot 48) 71–71 7100K (wheel slot 49) 72–72 7200K (wheel slot 50) 73–73 7300K (wheel slot 51) 74–74 7400K (wheel slot 52) 75–75 7500K (wheel slot 53) 76–76 7600K (wheel slot 54) 77–77 7700K (wheel slot 55) 78–78 7800K (wheel slot 56) 79–79 7900K (wheel slot 57) 80–80 8000K (wheel slot 58) 81–81 8100K (wheel slot 59) 82–82 8200K (wheel slot 60) 83–83 8300K (wheel slot 61) 84–84 8400K (wheel slot 62) 85–255 8500K (wheel slot 63)

14CH Basic (continued)

Ch	Function	Default	DMX values
9	Color3	0	
10	Color4	0	
11	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
12	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
13	Zoom	127	
14	Function	0	

17CH STD

17 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add C	0	
6	Color Add GY	0	
7	Color Wheel	0	0–0 Off (wheel slot 1) 1–255 Linear From 2400K to 8500K (wheel slot 63)

17CH STD (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	24	0–23 Open (wheel slot 1) 24–24 2400K (wheel slot 2) 25–25 2500K (wheel slot 3) 26–26 2600K (wheel slot 4) 27–27 2700K (wheel slot 5) 28–28 2800K (wheel slot 6) 29–29 2900K (wheel slot 7) 30–30 3000K (wheel slot 8) 31–31 3100K (wheel slot 9) 32–32 3200K (wheel slot 10) 33–33 3300K (wheel slot 11) 34–34 3400K (wheel slot 12) 35–35 3500K (wheel slot 13) 36–36 3600K (wheel slot 14) 37–37 3700K (wheel slot 15) 38–38 3800K (wheel slot 16) 39–39 3900K (wheel slot 17) 40–40 4000K (wheel slot 18) 41–41 4100K (wheel slot 19) 42–42 4200K (wheel slot 20) 43–43 4300K (wheel slot 21) 44–44 4400K (wheel slot 22) 45–45 4500K (wheel slot 23) 46–46 4600K (wheel slot 24) 47–47 4700K (wheel slot 25) 48–48 4800K (wheel slot 26) 49–49 4900K (wheel slot 27) 50–50 5000K (wheel slot 28) 51–51 5100K (wheel slot 29) 52–52 5200K (wheel slot 30) 53–53 5300K (wheel slot 31) 54–54 5400K (wheel slot 32) 55–55 5500K (wheel slot 33) 56–56 5600K (wheel slot 34) 57–57 5700K (wheel slot 35) 58–58 5800K (wheel slot 36) 59–59 5900K (wheel slot 37) 60–60 6000K (wheel slot 38) 61–61 6100K (wheel slot 39) 62–62 6200K (wheel slot 40) 63–63 6300K (wheel slot 41) 64–64 6400K (wheel slot 42) 65–65 6500K (wheel slot 43) 66–66 6600K (wheel slot 44) 67–67 6700K (wheel slot 45) 68–68 6800K (wheel slot 46) 69–69 6900K (wheel slot 47) 70–70 7000K (wheel slot 48) 71–71 7100K (wheel slot 49) 72–72 7200K (wheel slot 50) 73–73 7300K (wheel slot 51) 74–74 7400K (wheel slot 52) 75–75 7500K (wheel slot 53) 76–76 7600K (wheel slot 54) 77–77 7700K (wheel slot 55) 78–78 7800K (wheel slot 56) 79–79 7900K (wheel slot 57) 80–80 8000K (wheel slot 58) 81–81 8100K (wheel slot 59) 82–82 8200K (wheel slot 60) 83–83 8300K (wheel slot 61) 84–84 8400K (wheel slot 62) 85–255 8500K (wheel slot 63)

17CH STD (continued)

Ch	Function	Default	DMX values
9	Color3	0	
10	Tint	0	0–0 NO Function 1–255 Shift CT Red to Green
11	Color4	0	
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
14	Dimmer Fine	0	Fine byte of Dimmer
15	Zoom	127	
16	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
17	Function	0	

19CH EXT

19 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add C	0	

19CH EXT (continued)

Ch	Function	Default	DMX values
6	Color Add GY	0	
7	Color Wheel	0	0–0 Off (wheel slot 1) 1–255 Linear From 2400K to 8500K (wheel slot 63)

19CH EXT (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	24	0–23 Open (wheel slot 1) 24–24 2400K (wheel slot 2) 25–25 2500K (wheel slot 3) 26–26 2600K (wheel slot 4) 27–27 2700K (wheel slot 5) 28–28 2800K (wheel slot 6) 29–29 2900K (wheel slot 7) 30–30 3000K (wheel slot 8) 31–31 3100K (wheel slot 9) 32–32 3200K (wheel slot 10) 33–33 3300K (wheel slot 11) 34–34 3400K (wheel slot 12) 35–35 3500K (wheel slot 13) 36–36 3600K (wheel slot 14) 37–37 3700K (wheel slot 15) 38–38 3800K (wheel slot 16) 39–39 3900K (wheel slot 17) 40–40 4000K (wheel slot 18) 41–41 4100K (wheel slot 19) 42–42 4200K (wheel slot 20) 43–43 4300K (wheel slot 21) 44–44 4400K (wheel slot 22) 45–45 4500K (wheel slot 23) 46–46 4600K (wheel slot 24) 47–47 4700K (wheel slot 25) 48–48 4800K (wheel slot 26) 49–49 4900K (wheel slot 27) 50–50 5000K (wheel slot 28) 51–51 5100K (wheel slot 29) 52–52 5200K (wheel slot 30) 53–53 5300K (wheel slot 31) 54–54 5400K (wheel slot 32) 55–55 5500K (wheel slot 33) 56–56 5600K (wheel slot 34) 57–57 5700K (wheel slot 35) 58–58 5800K (wheel slot 36) 59–59 5900K (wheel slot 37) 60–60 6000K (wheel slot 38) 61–61 6100K (wheel slot 39) 62–62 6200K (wheel slot 40) 63–63 6300K (wheel slot 41) 64–64 6400K (wheel slot 42) 65–65 6500K (wheel slot 43) 66–66 6600K (wheel slot 44) 67–67 6700K (wheel slot 45) 68–68 6800K (wheel slot 46) 69–69 6900K (wheel slot 47) 70–70 7000K (wheel slot 48) 71–71 7100K (wheel slot 49) 72–72 7200K (wheel slot 50) 73–73 7300K (wheel slot 51) 74–74 7400K (wheel slot 52) 75–75 7500K (wheel slot 53) 76–76 7600K (wheel slot 54) 77–77 7700K (wheel slot 55) 78–78 7800K (wheel slot 56) 79–79 7900K (wheel slot 57) 80–80 8000K (wheel slot 58) 81–81 8100K (wheel slot 59) 82–82 8200K (wheel slot 60) 83–83 8300K (wheel slot 61) 84–84 8400K (wheel slot 62) 85–255 8500K (wheel slot 63)

19CH EXT (continued)

Ch	Function	Default	DMX values
9	Color3	0	
10	Tint	0	0–0 NO Function 1–255 Shift CT Red to Green
11	Color4	0	
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
14	Dimmer Fine	0	Fine byte of Dimmer
15	Zoom	127	
16	Zoom Fine	127	Fine byte of Zoom
17	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
18	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
19	Function	0	

19CH EXT CMY

19 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Cyan Fine	0	Fine byte of Cyan
3	Magenta	0	
4	Magenta Fine	0	Fine byte of Magenta
5	Yellow	0	
6	Yellow Fine	0	Fine byte of Yellow
7	Color Wheel	0	0–0 Off (wheel slot 1) 1–255 Linear From 2400K to 8500K (wheel slot 63)

19CH EXT CMY (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	24	0–23 Open (wheel slot 1) 24–24 2400K (wheel slot 2) 25–25 2500K (wheel slot 3) 26–26 2600K (wheel slot 4) 27–27 2700K (wheel slot 5) 28–28 2800K (wheel slot 6) 29–29 2900K (wheel slot 7) 30–30 3000K (wheel slot 8) 31–31 3100K (wheel slot 9) 32–32 3200K (wheel slot 10) 33–33 3300K (wheel slot 11) 34–34 3400K (wheel slot 12) 35–35 3500K (wheel slot 13) 36–36 3600K (wheel slot 14) 37–37 3700K (wheel slot 15) 38–38 3800K (wheel slot 16) 39–39 3900K (wheel slot 17) 40–40 4000K (wheel slot 18) 41–41 4100K (wheel slot 19) 42–42 4200K (wheel slot 20) 43–43 4300K (wheel slot 21) 44–44 4400K (wheel slot 22) 45–45 4500K (wheel slot 23) 46–46 4600K (wheel slot 24) 47–47 4700K (wheel slot 25) 48–48 4800K (wheel slot 26) 49–49 4900K (wheel slot 27) 50–50 5000K (wheel slot 28) 51–51 5100K (wheel slot 29) 52–52 5200K (wheel slot 30) 53–53 5300K (wheel slot 31) 54–54 5400K (wheel slot 32) 55–55 5500K (wheel slot 33) 56–56 5600K (wheel slot 34) 57–57 5700K (wheel slot 35) 58–58 5800K (wheel slot 36) 59–59 5900K (wheel slot 37) 60–60 6000K (wheel slot 38) 61–61 6100K (wheel slot 39) 62–62 6200K (wheel slot 40) 63–63 6300K (wheel slot 41) 64–64 6400K (wheel slot 42) 65–65 6500K (wheel slot 43) 66–66 6600K (wheel slot 44) 67–67 6700K (wheel slot 45) 68–68 6800K (wheel slot 46) 69–69 6900K (wheel slot 47) 70–70 7000K (wheel slot 48) 71–71 7100K (wheel slot 49) 72–72 7200K (wheel slot 50) 73–73 7300K (wheel slot 51) 74–74 7400K (wheel slot 52) 75–75 7500K (wheel slot 53) 76–76 7600K (wheel slot 54) 77–77 7700K (wheel slot 55) 78–78 7800K (wheel slot 56) 79–79 7900K (wheel slot 57) 80–80 8000K (wheel slot 58) 81–81 8100K (wheel slot 59) 82–82 8200K (wheel slot 60) 83–83 8300K (wheel slot 61) 84–84 8400K (wheel slot 62) 85–255 8500K (wheel slot 63)

19CH EXT CMY (continued)

Ch	Function	Default	DMX values
9	Color3	0	
10	Tint	0	0–0 NO Function 1–255 Shift CT Red to Green
11	Color4	0	
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
14	Dimmer Fine	0	Fine byte of Dimmer
15	Zoom	127	
16	Zoom Fine	127	Fine byte of Zoom
17	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
18	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
19	Function	0	