

## Specification for FX 3

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	6pcs
	Module array	3line x 2columns
	Display size(mm)	37.5 x 19.5in (952.5 x 495.3mm)
	Total size(case/mm)	40 x 22in (1016 x 558.8mm)
	Display Weight	20 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

\* LED display can be used outdoor while under a canopy, over hang, awning or any other protective covering.



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## Specification for FX 313

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	3pcs
	Module array	1line x 3columns
	Display size(mm)	37.5 x 12.5in (952.5 x 317.mm)
	Total size(case/mm)	40 x 15in (1016 x 381mm)
	Display Weight	10 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

\* LED display can be used outdoor while under a canopy, over hang, awning or any other protective covering.

## Specification for FX 314

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	4pcs
	Module array	1line x 4columns
	Display size(mm)	40 x 12.5in (1016 x 317.5mm)
	Total size(case/mm)	52 x 15in (1320.8 x 381mm)
	Display Weight	14 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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## Specification for FX 315

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### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	5pcs
	Module array	1line x 5columns
	Display size(mm)	61 x 12.5in (1549.4 x 317.5mm)
	Total size(case/mm)	65 x 15in (1651 x 381mm)
	Display Weight	18 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
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## Specification for FX 316

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### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	6pcs
	Module array	1line x 6columns
	Display size(mm)	75.5 x 12.5in (1917.7 x 317.5mm)
	Total size(case/mm)	78 x 15in (1981.2 x 381mm)
	Display Weight	22 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

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## Specification for FX 317

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### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	7pcs
	Module array	1line x 7columns
	Display size(mm)	87.5 x 12.5in (2222.5 x 317.5mm)
	Total size(case/mm)	90.5 x 15in (2298.7 x 381mm)
	Display Weight	26 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

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## Specification for FX 318

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Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	8pcs
	Module array	1line x 8columns
	Display size(mm)	99 x 12.5in (2514.6 x 317.5mm)
	Total size(case/mm)	103 x 15n (2616.2 x 381mm)
	Display Weight	30 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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## Specification for FX 324

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	8pcs
	Module array	2line x 4columns
	Display size(mm)	51.5 x 25in (1308.1 x 635mm)
	Total size(case/mm)	54 x 27in (1371.6 x 685.8mm)
	Display Weight	28 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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## Specification for FX 325

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	10pcs
	Module array	2line x 5columns
	Display size(mm)	63 x 25in (1600.2 x 635mm)
	Total size(case/mm)	66.5 x 28in (1689.1 x 711.2mm)
	Display Weight	36 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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## Specification for FX 326

Issued on: 4-Jan-08

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### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	12pcs
	Module array	2line x 6columns
	Display size(mm)	75.5 x 25in (1917.7 x 635mm)
	Total size(case/mm)	78 x 28in (1981.2 x 711.2mm)
	Display Weight	44 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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## Specification for FX 327

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	14pcs
	Module array	2line x 7columns
	Display size(mm)	87.5 x 25in (2222.5 x 635mm)
	Total size(case/mm)	90.5 x 28n (2298.7 x 711.2mm)
	Display Weight	52 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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## Specification for FX 328

Issued on: 4-Jan-08

Revised on: 10-Oct-08

### 1. Specs

Technical Terms		Details
<b>Module</b>	Pixel Composition(LED)	1 Blue, 1 Yellow / 1 Red, 1Blue / 1Red, 1 pGreen
	Pixel Pitch	20mm
	Size	320 x 320mm
	Dot array	16 x 16
	Color	Blue / Yellow / White Pink (Red / Blue / Magenta or Red / pGreen / Orange)
	Brightness(NIT)	3,000NITs
	Watt.(Max/Ave.)	20/ 10Watt
<b>Controller/Driver</b>	Driver type	1/8 duty
	Flash Memory	SAMSUNG 16M NAND Flash Memory
	CPU	Samsung S3C44BOX
<b>LED</b>	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	70deg.(Hori.) / 30deg.(Ver.)
	Luminous Intensity	Blue:3000mcd   Yellow:4000mcd
	Qty/module	512pcs
<b>Set</b>	Module qty/set	16pcs
	Module array	2line x 8columns
	Display size(mm)	99 x 25in (2514.6 x 635mm)
	Total size(case/mm)	103 x 28n (2616.2 x 711.2mm)
	Display Weight	60 lbs.
	Input currency	AC 88 ~ 264VAC
	Input Hz	45Hz ~ 65Hz
	Output Voltage	5V
	Watt.(Max/Ave.)	120/60watt
	Viewing Distance	6~150m / 19~492ft
	Operating Temp.	-20°C ~ 50°C / -4 ~ 122 F
	Operation	Infrared remote control
	Casing	70mm Aluminum case with Hard Plastic corners

### 2. Features:

- 1.Animation & Special effects are available
- 2.Designed for indoor \*semi-outdoor

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