

## FU-5T 5W VHF/UHF Analog TV transmitter

<b>Model :</b>	FU-5T
<b>Product Name :</b>	5W Analog VHF/UHF TV Transmitter
<b>Description:</b>	This TV transmitter adopts RF modulation technology, it has simple circuit, reliable and stable performance, it can work for long time continuously. It can be used with microwave system, satellite territory receiving system, camcorder and related equipment to compose a small sized TV station.

### Features:

- I All solid-state analog TV transmitter in VHF/UHF band.
- I Composed by modulation part, amplifier part and switch power supply part.
- I Compact in size, easy to operate.
- I High efficiency, reliable performance.
- I Low cost, high quality.

### Technical Specification:

General Characteristics	
Operating temperature	0 -40
Relative humidity	90% (25 )
Supply voltage	220V AC,50 -60HZ
Power consumption	100W
Working channel	any channel between , band
Modulation method:	Picture: negative, AM
	Sound: FM
TV standard	PAL -D or on demand
Video / Audio power ratio	10:1
Output power	5W
Output load impedance	50
Unwanted radiation	Within Adjacent channel -40dB
	Outside of Adjacent channel -55dB
Band intermodulation distortion	-50dB

Image characteristics	
Video input voltage	1Vp-p±3dB
Video input impedance	75
Picture carrier frequency stability	±500HZ/day
Amplitude frequency characteristic	0 -6MHZ irregularities ± 1dB
Random signal to noise ratio	50dB
Differential gain	7%
Differential phase	± 3
Sound characteristics	
Audio input level	100mV
Audio input impedance	1K ~10K Unbalanced
Maximum deviation	±50KHZ
Audio harmonic distortion	40HZ -150HZ 2%
FM SNR	60dB

## FU-5T 5W VHF/UHF TV Transmitter



## FU-10T 10W VHF/UHF Analog TV transmitter

<b>Model :</b>	FU-10T
<b>Product Name :</b>	<b>10W Analog VHF/UHF TV Transmitter</b>
<b>Description:</b>	This TV transmitter adopts RF modulation technology, it has simple circuit, reliable and stable performance, it can work for long time continuously. It can be used with microwave system, satellite territory receiving system, camcorder and related equipment to compose a small sized TV station.

### Features:

- | All solid-state analog TV transmitter in VHF/UHF band.
- | Composed by modulation part, amplifier part and switch power supply part.
- | Compact in size, easy to operate.
- | High efficiency, reliable performance.
- | Low cost, high quality.

### Technical Specification:

General Characteristics	
Operating temperature	0 -40
Relative humidity	90% (25 )
Supply voltage	220V AC,50 -60HZ
Power consumption	100W
Working channel	any channel between , band
Modulation method:	Picture: negative, AM
	Sound: FM
TV standard	PAL -D or on demand
Video / Audio power ratio	10:1
Output power	10W
Output load impedance	50
Unwanted radiation	Within Adjacent channel -40dB
	Outside of Adjacent channel -55dB
Band intermodulation distortion	-50dB

Image characteristics	
Video input voltage	1Vp-p±3dB
Video input impedance	75
Picture carrier frequency stability	±500HZ/day
Amplitude frequency characteristic	0 -6MHZ irregularities ± 1dB
Random signal to noise ratio	50dB
Differential gain	7%
Differential phase	± 3
Sound characteristics	
Audio input level	100mV
Audio input impedance	1K ~10K Unbalanced
Maximum deviation	±50KHZ
Audio harmonic distortion	40HZ -150HZ 2%
FM SNR	60dB

## FU-10T 10W VHF/UHF TV Transmitter



## FU-15T 15W VHF/UHF Analog TV transmitter

<b>Model :</b>	FU-15T
<b>Product Name :</b>	15W Analog VHF/UHF TV Transmitter
<b>Description:</b>	This TV transmitter adopts RF modulation technology, it has simple circuit, reliable and stable performance, it can work for long time continuously. It can be used with microwave system, satellite territory receiving system, camcorder and related equipment to compose a small sized TV station.

### Features:

- | All solid-state analog TV transmitter in VHF/UHF band.
- | Composed by modulation part, amplifier part and switch power supply part.
- | Compact in size, easy to operate.
- | High efficiency, reliable performance.
- | Low cost, high quality.

### Technical Specification:

General Characteristics	
Operating temperature	0 -40
Relative humidity	90% (25 )
Supply voltage	220V AC,50 -60HZ
Power consumption	100w-300W
Working channel	any channel between , band
Modulation method:	Picture: negative, AM
	Sound: FM
TV standard	PAL -D or on demand
Video / Audio power ratio	10:1
Output power	15W
Output load impedance	50
Unwanted radiation	Within Adjacent channel -40dB
	Outside of Adjacent channel -55dB
Size	120mm*400mm*420mm
Band intermodulation distortion	-50dB

Image characteristics	
Video input voltage	1Vp-p±3dB
Video input impedance	75
Picture carrier frequency stability	±500HZ/day
Amplitude frequency characteristic	0 -6MHZ irregularities ± 1dB
Random signal to noise ratio	50dB
Differential gain	7%
Differential phase	± 3
Sound characteristics	
Audio input level	100mV
Audio input impedance	1K ~10K Unbalanced
Maximum deviation	±50KHZ
Audio harmonic distortion	40HZ -150HZ 2%
FM SNR	60dB

## FU-15T 15W VHF/UHF TV Transmitter



## FU-50T 50W VHF/UHF Analog TV transmitter

<b>Model :</b>	FU-50T
<b>Product Name :</b>	<b>50W Analog VHF/UHF TV Transmitter</b>
<b>Description:</b>	This TV transmitter adopts RF modulation technology, it has simple circuit, reliable and stable performance, it can work for long time continuously. It can be used with microwave system, satellite territory receiving system, camcorder and related equipment to compose a small sized TV station.

### Features:

- I All solid-state analog TV transmitter in VHF/UHF band.
- I Composed by modulation part, amplifier part and switch power supply part.
- I Compact in size, easy to operate.
- I High efficiency, reliable performance.
- I Low cost, high quality.

### Technical Specification:

General Characteristics	
Operating temperature	0 -40
Relative humidity	90% (25 )
Supply voltage	220V AC,50 -60HZ
Power consumption	100w
Working channel	any channel between , band
Modulation method:	Picture: negative, AM
	Sound: FM
TV standard	PAL -D or on demand
Video / Audio power ratio	10:1
Output power	50W
Output load impedance	50
Unwanted radiation	Within Adjacent channel -40dB
	Outside of Adjacent channel -55dB
Size	570*540*280mm
Band intermodulation distortion	-50dB

Image characteristics	
Video input voltage	1Vp-p±3dB
Video input impedance	75
Picture carrier frequency stability	±500HZ/day
Amplitude frequency characteristic	0 -6MHZ irregularities ± 1dB
Random signal to noise ratio	50dB
Differential gain	7%
Differential phase	± 3
Sound characteristics	
Audio input level	100mV
Audio input impedance	1K ~10K Unbalanced
Maximum deviation	±50KHZ
Audio harmonic distortion	40HZ -150HZ 2%
FM SNR	60dB

## FU-50T 50W VHF/UHF TV Transmitter





## CZH518A-50W 50W Analog TV transmitter

<b>Model :</b>	CZH518A-50W
<b>Product Name :</b>	50W Analog TV Transmitter
<b>Description:</b>	TV transmitter Professional designed and manufactured,high reliability and low price.VHF&UHF.60cm,19'-rack.

### Features:

- I This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- I It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- I Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- I All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- I Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- I The management and monitoring are intelligent and on network, it has the external PC interface.
- I This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- I It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- I The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- I The power loss and standing wave of the one-time synthesis power combiner is small.
- I The module of power amplifier display the working parameters in real-time.
- I The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- I The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

## Overall performances:

1. Working frequency :	UHF 13~48 Channel arbitrary choice
2. Output power :	50W
3. Output impedance :	50
4. Inter-modulation distortion :	-50dB
5. Useless transmission :	In adjacent channel -40dB Out adjacent channel -60dB
6. RF output interface :	L27
7. Power supply :	Single-phase 220V
8. Shape size :	420mm×520mm×600mm
9. Weight :	40KG

## Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±8%
4. DP :	±7°
5. Luminance nonlinear :	12%

## Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%

## CZH518A-50W 50W Analog TV Transmitter



## CZH518A-100W 100W Analog TV transmitter

<b>Model :</b>	CZH518A-100W
<b>Product Name :</b>	<b>100W Analog TV Transmitter</b>
<b>Description:</b>	TV transmitter Professional designed and manufactured, high reliability and low price.VHF&UHF.60cm,19'-rack.

### Features:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

### Overall performances:

1. Working frequency :	UHF 13~48 Channel arbitrary choice
2. Output power :	100W
3. Output impedance :	50
4. Inter-modulation distortion :	-50dB
5. Useless transmission :	In adjacent channel -40dB
6. RF output interface :	L27
7. Power supply :	Single-phase 220V
8. Shape size :	420mmx520mmx600mm
9. Weight :	55KG

### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±8%
4. DP :	±7°
5. Luminance nonlinear :	12%

### Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%

## CZH518A-100W 100W Analog TV Transmitter



## CZH518A-200W 200W Analog TV transmitter

<b>Model :</b>	CZH518A-200W
<b>Product Name :</b>	<b>200W Analog TV Transmitter</b>
<b>Description:</b>	TV transmitter Professional designed and manufactured, high reliability and low price.VHF&UHF.4U,19'-rack.

### Features:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

### Overall performances:

1. Working frequency :	UHF 13~48 Channel arbitrary choice
2. Output power :	200W (Synchronous)
3. Output impedance :	50
4. Inter-modulation distortion :	-50dB
5. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
6. RF output interface :	L27
7. Power supply :	Single-phase 220V
8. Shape size :	995mm×910mm×625mm
9. Weight :	120KG

### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±8%
4. DP :	±7°
5. Luminance nonlinear :	12%

### Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%

## CZH518A-200W 200W Analog TV Transmitter



## CZH518A-300W 300W Analog TV transmitter

<b>Model :</b>	CZH518A-300W
<b>Product Name :</b>	<b>300W Analog TV Transmitter</b>
<b>Description:</b>	TV transmitter Professional designed and manufactured, high reliability and low price.VHF&UHF.4U,19'-rack.

### Features:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

### Overall performances:

1. Working frequency :	UHF 13~48 Channel arbitrary choice
2. Output power :	300W (Synchronous)
3. Output impedance :	50
4. Inter-modulation distortion :	-50dB
5. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
6. RF output interface :	L27
7. Power supply :	Single-phase 220V
8. Shape size :	540mm*670mm*260mm
9. Weight :	45KG

### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±8%
4. DP :	±7°
5. Luminance nonlinear :	12%

### Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB

## CZH518A-300W 300W Analog TV Transmitter





## CZH518A-500W 500W Analog TV transmitter

<b>Model :</b>	CZH518A-500W
<b>Product Name :</b>	<b>500W Analog TV Transmitter</b>
<b>Description:</b>	VHF/UHF TV transmitter Professional designed and manufactured,high reliability and low price.VHF&UHF.300W/500W/1KW/2KW.1-meter 19'-rack

### Features:

- I This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- I It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- I Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- I All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- I Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- I The management and monitoring are intelligent and on network, it has the external PC interface.
- I This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- I It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- I The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- I The power loss and standing wave of the one-time synthesis power combiner is small.
- I The module of power amplifier display the working parameters in real-time.
- I The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- I The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

## Overall performances:

1. Working frequency :	UHF 13~48 Channel arbitrary choice
2. Output power :	500W (Synchronous)
3. Output impedance :	50
4. Inter-modulation distortion :	-50dB
5. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
6. RF output interface :	7/16"
7. Power supply :	Single-phase 220V
8. Shape size :	1135mm×675mm×950mm
9. Weight :	136KG

## Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±8%
4. DP :	±7°
5. Luminance nonlinear :	12%

## Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB

### CZH518A-500W 500W Analog TV Transmitter



## CZH518A-1KW 1KW Analog TV transmitter

<b>Model :</b>	CZH518A-1KW
<b>Product Name :</b>	1KW Analog TV Transmitter
<b>Description:</b>	VHF/UHF TV transmitter Professional designed and manufactured,high reliability and low price.VHF&UHF.300W/500W/1KW/2KW.1-meter 19'-rack

### Features:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

## Overall performances:

1. Working frequency :	VHF & UHF
2. Output power :	1KW
3. Output impedance :	50
4.VSWR of output load impedance :	1.12
5. Inter-modulation distortion :	-50dB
6. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
7. RF output interface :	7/16"
8. Power supply :	Single-phase 220V
9. Shape size :	1135mm×675mm×950mm
10. Weight :	136KG

## Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±5%
4. DP :	±5°
5. Luminance nonlinear :	10%
6. Group delay :	± 60ns
7. Signal-to-clutter ration of low frequency period interference:	50dB

## Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance),600 (Balance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB

### CZH518A-1KW 1KW Analog TV Transmitter



## CZH518A-2KW 2KW Analog TV transmitter

<b>Model :</b>	CZH518A-2KW
<b>Product Name :</b>	2KW Analog TV Transmitter
<b>Description:</b>	VHF/UHF TV transmitter Professional designed and manufactured,high reliability and low price.VHF&UHF.300W/500W/1KW/2KW.1-meter 19'-rack

### Overview:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/dual exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time.

## Features:

- | The whole machine is single-channel, image with audio together.
- | The redundant configuration design can reduce the rate of inactive to zero.
- | The exciter redundancy design: the main exciter and its spare exciter can switch automatically (the spare exciter is optional). When the main exciter broke down, it can switch to the spare exciter uninterrupted.
- | The power amplifier redundancy design: multiple amplifiers integrated; the modules of PA are high-consistency. These two exciters are the spare one with each other and can exchange easily.
- | The power supply redundancy design: parallel current sharing power from multiple switching power supply; the computer can monitor power supply's working condition and adjust its working condition automatically.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | It adopts modular design concept.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.

## Overall performances:

1. Working frequency :	VHF & UHF
2. Output power :	2KW
3. Output impedance :	50
4.VSWR of output load impedance :	1.12
5. Inter-modulation distortion :	-50dB
6. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
7. RF output interface :	7/8"
8. Power supply :	Single-phase 220V
9. Shape size :	1475mmx960mmx675mm
10. Weight :	220KG



### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	$\pm 5\%$
4. DP :	$\pm 5^\circ$
5. Luminance nonlinear :	10%
6. Group delay :	$\pm 60\text{ns}$
7. Signal-to-clutter ration of low frequency period interference:	50dB

### Sound performances:

1. Audio input level :	0dBm $\pm$ 6dB
2. Audio input impedance :	10K (imbalance),600 (Balance)
3. Maximum frequency deviation :	$\pm 50\text{KHz}$
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB

## CZH518A-2KW 2KW Analog TV Transmitter



## CZH518A-3KW 3KW Analog TV transmitter

<b>Model :</b>	CZH518A-3KW
<b>Product Name :</b>	3KW Analog TV Transmitter
<b>Description:</b>	Professional VHF/UHF TV transmitter for TV stations, hot-plug, double exciters changeover automatically, switch power source.

### Overview:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/duel exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightening protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time

### Features:

- | The whole machine is single-channel, image with audio together.
- | The redundant configuration design can reduce the rate of inactive to zero.
- | The exciter redundancy design: the main exciter and its spare exciter can switch automatically (the spare exciter is optional). When the main exciter broke down, it can switch to the spare exciter uninterrupted.

- | The power amplifier redundancy design: multiple amplifiers integrated; the modules of PA are high-consistency. These two exciters are the spare one with each other and can exchange easily.
- | The power supply redundancy design: parallel current sharing power from multiple switching power supply; the computer can monitor power supply's working condition and adjust its working condition automatically.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | It adopts modular design concept.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.

### Overall performances:

1. Working frequency :	VHF & UHF
2. Output power :	3KW
3. Output impedance :	50
4.VSWR of output load impedance :	1.12
5. Inter-modulation distortion :	-50dB
6. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
7. RF output interface :	40
8. Power supply :	Three-phase 380V
9. Shape size :	1840mmx580mmx1150mm
10. Weight :	380KG

### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±5%
4. DP :	±5°
5. Luminance nonlinear :	10%
6. Group delay :	± 60ns
7. Signal-to-clutter ration of low frequency period interference:	50dB

### Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance),600 (Balance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB
6. The amplitude frequency characteristics :	± 1dB

### CZH518A-3KW 3KW Analog TV Transmitter



## CZH518A-5KW 5KW Analog TV transmitter

<b>Model :</b>	CZH518A-5KW
<b>Product Name :</b>	5KW Analog TV Transmitter
<b>Description:</b>	Professional VHF/UHF TV transmitter for TV stations, hot-plug, double exciters changeover automatically(optional),switch power source, System: PAL/SECAM/NTSC

### Overview:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/duel exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightening protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time

### Features:

- | The whole machine is single-channel, image with audio together.
- | The redundant configuration design can reduce the rate of inactive to zero.
- | The exciter redundancy design: the main exciter and its spare exciter can switch automatically (the spare exciter is optional). When the main exciter broke down, it can switch to the spare exciter uninterrupted.

- | The power amplifier redundancy design: multiple amplifiers integrated; the modules of PA are high-consistency. These two exciters are the spare one with each other and can exchange easily.
- | The power supply redundancy design: parallel current sharing power from multiple switching power supply; the computer can monitor power supply's working condition and adjust its working condition automatically.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | It adopts modular design concept.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.

### Overall performances:

1. Working frequency :	VHF & UHF
2. Output power :	5KW
3. Output impedance :	50
4.VSWR of output load impedance :	1.12
5. Inter-modulation distortion :	-50dB
6. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
7. RF output interface :	40
8. Power supply :	Three-phase 380V
9. Shape size :	1840mmx580mmx1150mm
10. Weight :	380KG

### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±5%
4. DP :	±5°
5. Luminance nonlinear :	10%
6. Group delay :	± 60ns
7. Signal-to-clutter ration of low frequency period interference:	50dB

### Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance),600 (Balance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB
6. The amplitude frequency characteristics :	± 1dB

### CZH518A-5KW 5KW Analog TV Transmitter



## CZH518A-10KW 10KW Analog TV transmitter

<b>Model :</b>	CZH518A-10KW
<b>Product Name :</b>	10KW Analog TV Transmitter
<b>Description:</b>	Professional VHF/UHF TV transmitter for TV stations, hot-plug, double exciters changeover automatically(optional),switch power source, System: PAL/SECAM/NTSC

### Overview:

- | This product is the all solid-state Single-channel TV Transmitter, it adopts professional TV exciter, and it can use the single/duel exciter configuration, switching automatically. It is installed in one 19inch chassis.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | This transmitter has a variety of linear and non-linear pre-correction function, carrier frequency offset, and precision bias (with external precision reference source) function.
- | It can prefabricate and control the half-power output, and it has remote control telemetry interface.
- | The power amplifier used LDMOS FET, the analog and digital are both compatible, and it used high-quality switch parallel power.
- | The power loss and standing wave of the one-time synthesis power combiner is small.
- | The module of power amplifier display the working parameters in real-time.
- | The whole machine has the protection of over-current, over heat, over power and over-standing wave ratio.
- | The master touch screen displays the working parameters of the whole machine and the module of power amplifier (PA) in real-time

### Features:

- | The whole machine is single-channel, image with audio together.
- | The redundant configuration design can reduce the rate of inactive to zero.
- | The exciter redundancy design: the main exciter and its spare exciter can switch automatically (the spare exciter is optional). When the main exciter broke down, it can switch to the spare exciter uninterrupted.



- | The power amplifier redundancy design: multiple amplifiers integrated; the modules of PA are high-consistency. These two exciters are the spare one with each other and can exchange easily.
- | The power supply redundancy design: parallel current sharing power from multiple switching power supply; the computer can monitor power supply's working condition and adjust its working condition automatically.
- | The management and monitoring are intelligent and on network, it has the external PC interface.
- | It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- | All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- | It adopts modular design concept.
- | Hot-pluggable design: power amplifier and switching power are supporting the Hot-plug, it's easy to debug and maintenance; improve the reliability.
- | The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.

### Overall performances:

1. Working frequency :	VHF & UHF
2. Output power :	10KW
3. Output impedance :	50
4.VSWR of output load impedance :	1.12
5. Inter-modulation distortion :	-50dB
6. Useless transmission :	In adjacent channel -40dB, Out adjacent channel -60dB
7. RF output interface :	3-1/8
8. Power supply :	Three-phase 380V
9. Shape size :	2000mm×850mm×1200mm
10. Weight :	550KG

### Image performances:

1. Video frequency input level :	1VP-P positive polarity
2. Video frequency input impedance :	75
3. DG :	±5%
4. DP :	±5°
5. Luminance nonlinear :	10%
6. Group delay :	± 60ns
7. Signal-to-clutter ration of low frequency period interference:	50dB

### Sound performances:

1. Audio input level :	0dBm±6dB
2. Audio input impedance :	10K (imbalance),600 (Balance)
3. Maximum frequency deviation :	±50KHz
4. Harmonic distortion :	1%
5. Signal-to -clutter :	60dB
6. The amplitude frequency characteristics :	± 1dB

### CZH518A-10KW 10KW Analog TV Transmitter



## CZH518D-50W Digital TV transmitter

<b>Model :</b>	CZH518D-50W
<b>Product Name :</b>	<b>50W Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)</b>
<b>Description:</b>	Digital TV Territorial Broadcast Transmitter, VHF/UHF, Professional and Intelligent Design, High reliability, reasonable price.

### OverView:

- I 50W DVB-T Transmitter:
- I Digital TV Territorial Broadcast Transmitter; VHF/UHF; Professional
- I and Intelligent Design; High reliability; low price.

### Features:

- I The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.
- I All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- I Pre-distortion correction, dual-exciter switch automatically.
- I High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- I Telemetry and remote control by computer, web-based interface and software.
- I User-friendly design of interface, full automatic switch the machine with one key.
- I Multi protection (over voltage, over current, overheating, large standing-wave ratio),high reliability, 24 hour continuous working.
- I Variety of modulators compatible.
- I We also provide the overall solution proposal according to customers' needs.

## Overall performances:

1. Working frequency :	UHF 13-48 channel arbitrary choice
2. Channel bandwidth :	8MHz
3. Output power :	50W
4. Output impedance :	50
5. Output interface :	L16
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	L16
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	400mm×600mm×950mm
15. Weight :	35KG

## CZH518D-50W 50W Digital TV Transmitter



## CZH518D-100W Digital TV transmitter

<b>Model :</b>	CZH518D-100W
<b>Product Name :</b>	<b>100W Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)</b>
<b>Description:</b>	Digital TV Territorial Broadcast Transmitter, VHF/UHF, Professional and Intelligent Design, High reliability, reasonable price.

### Features:

- | The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.
- | All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- | Pre-distortion correction, dual-excitors switch automatically.
- | High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- | Telemetry and remote control by computer, web-based interface and software.
- | User-friendly design of interface, full automatic switch the machine with one key.
- | Multi protection (over voltage, over current, overheating, large standing-wave ratio),high reliability, 24 hour continuous working.
- | Variety of modulators compatible.
- | We also provide the overall solution proposal according to customers' needs.

### Overall performances:

1. Working frequency :	VHF/UHF
2. Channel bandwidth :	8MHz
3. Output power :	100W
4. Output impedance :	50
5. Output interface :	7/16
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	N
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	1600mmx600mmx950mm
15. Weight :	55KG

### CZH518D-100W 100W Digital TV Transmitter



## CZH518D-200W Digital TV transmitter

<b>Model :</b>	CZH518D-200W
<b>Product Name :</b>	<b>200W Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)</b>
<b>Description:</b>	Digital TV Territorial Broadcast Transmitter, VHF/UHF, Professional and Intelligent Design, High reliability, reasonable price.

### Features:

- | The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.
- | All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- | Pre-distortion correction, dual-excitors switch automatically.
- | High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- | Telemetry and remote control by computer, web-based interface and software.
- | User-friendly design of interface, full automatic switch the machine with one key.
- | Multi protection (over voltage, over current, overheating, large standing-wave ratio),high reliability, 24 hour continuous working.
- | Variety of modulators compatible.
- | We also provide the overall solution proposal according to customers' needs.

### Overall performances:

1. Working frequency :	VHF/UHF
2. Channel bandwidth :	8MHz
3. Output power :	200W
4. Output impedance :	50
5. Output interface :	7/16
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	N
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	1135mmx675mmx960mm
15. Weight :	135KG

### CZH518D-200W 200W Digital TV Transmitter





## CZH518D-300W Digital TV transmitter

<b>Model :</b>	CZH518D-300W
<b>Product Name :</b>	<b>300W Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)</b>
<b>Description:</b>	Digital TV Territorial Broadcast Transmitter, VHF/UHF, Professional and Intelligent Design, High reliability, reasonable price.

### Features:

- | The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.
- | All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- | Pre-distortion correction, dual-excitors switch automatically.
- | High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- | Telemetry and remote control by computer, web-based interface and software.
- | User-friendly design of interface, full automatic switch the machine with one key.
- | Multi protection (over voltage, over current, overheating, large standing-wave ratio),high reliability, 24 hour continuous working.
- | Variety of modulators compatible.
- | We also provide the overall solution proposal according to customers' needs.

### Overall performances:

1. Working frequency :	VHF/UHF
2. Channel bandwidth :	8MHz
3. Output power :	300W
4. Output impedance :	50
5. Output interface :	7/16
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	N
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	1600mmx600mmx950mm
15. Weight :	135KG

### CZH518D-300W 300W Digital TV Transmitter



## CZH518D-500W Digital TV transmitter

<b>Model :</b>	CZH518D-500W
<b>Product Name :</b>	<b>500W Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)</b>
<b>Description:</b>	Digital TV Territorial Broadcast Transmitter, VHF/UHF, Professional and Intelligent Design, High reliability, reasonable price.

### Features:

- I All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- I Pre-distortion correction, dual-excitors switch automatically.
- I High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- I Telemetry and remote control by computer, web-based interface and software.
- I Good man-machine interface, full automatic switch the machine with one key.
- I Multi protection (over voltage, over current, overheating, large standing-wave ratio ...)high reliability, 24 hours continuous works.
- I We also provide the overall solution proposal according to customers' needs.

### Overall performances:

1. Working frequency :	VHF/UHF
2. Channel bandwidth :	8MHz
3. Output power :	500W
4. Output impedance :	50
5. Output interface :	40
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	L16
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	1840mm×580mm×1150mm
15. Weight :	170KG

### CZH518D-500W 500W Digital TV Transmitter



## CZH518D-1KW Digital TV transmitter

<b>Model :</b>	CZH518D-1KW
<b>Product Name :</b>	1KW Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)
<b>Description:</b>	1KW DVB-T transmitter VHF/UHF, high performance, Module design, MCU controlled,RS485/232 interface, color LCD with touch panel

### Features:

- I All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- I Pre-distortion correction, dual-excitors switch automatically.
- I High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- I Telemetry and remote control by computer, web-based interface and software.
- I Good man-machine interface, full automatic switch the machine with one key.
- I Multi protection (over voltage, over current, overheating, large standing-wave ratio ...)high reliability, 24 hours continuous works.
- I We also provide the overall solution proposal according to customers' needs.

### Overall performances:

1. Working frequency :	VHF/UHF
2. Channel bandwidth :	8MHz
3. Output power :	1KW
4. Output impedance :	50
5. Output interface :	1-5/8"
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	N
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	1840mm×1280mm×1150mm
15. Weight :	550KG

### CZH518D-1KW 1KW Digital TV Transmitter



## CZH518D-2KW Digital TV transmitter

<b>Model :</b>	CZH518D-2KW
<b>Product Name :</b>	2KW Digital TV Transmitter (DVB-T/T2/ATSC/ISDB-T)
<b>Description:</b>	2KW DVB-T transmitter VHF/UHF, high performance, Module design, MCU controlled,RS485/232 interface, color LCD with touch panel

### Features:

- I All solid-state digital TV transmitter, bandwidth is 6-8MHZ.
- I Pre-distortion correction, dual-exciter switch automatically.
- I High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.
- I Telemetry and remote control by computer, web-based interface and software.
- I Good man-machine interface, full automatic switch the machine with one key.
- I Multi protection (over voltage, over current, overheating, large standing-wave ratio ...)high reliability, 24 hours continuous works.
- I We also provide the overall solution proposal according to customers' needs.

### Overall performances:

1. Working frequency :	VHF/UHF
2. Channel bandwidth :	8MHz
3. Output power :	2KW
4. Output impedance :	50
5. Output interface :	40
6. Output load return loss:	Normal operation: -32dB, Allowed operation: -20dB
7. Power input level :	0dBm
8. Amplifier input impedance :	50
9. Amplifier input interface :	L16
10. Useless transmission:	-60dB
11. Band fluctuations:	±0.5dB
12. Band shoulder:	better than 36dB
13. MER :	better than 30dB
14. Size :	1840mm×1160mm×870mm
15. Weight :	5050KG

### CZH518D-2KW 2KW Digital TV Transmitter

