

Fixed GPS Navigator

GBX-2006WP

General Description



GBX2006P
Plastic case
Cost effective with high performance

GBX2006R
Built in 2.4GHz RF module
Support RF control with touchpad



GBX2006D
Built in DVB-T TV module
Enjoy your favorite TV channels everywhere!
TV channels, volume, and other settings can be controlled easily by touch screen
Mic in

HIGH PERFORMANCE GPS CAR NAVIGATION BOX

GBX2006WP series is an all in one and compact in size GPS navigation solution which can be compatible with any monitors even the OEM ones like Pioneer, Panasonic, Clarion, JVC, Kenwood, Alpine, Skypine, Foryou...etc. It also supports many kinds of car applications such as Gyroscope, Camera Detector, TMC, and Vehicle Tracker.

With the superior features of high sensitivity GPS receiver for fast time-to-first-fix in urban canyons, fast and friendly in car system integration, minimized the risk in development, and upgraded by users easily.

GBX2006WP is a multi-functional and smart navigation system.

KEY PRODUCT FEATURES

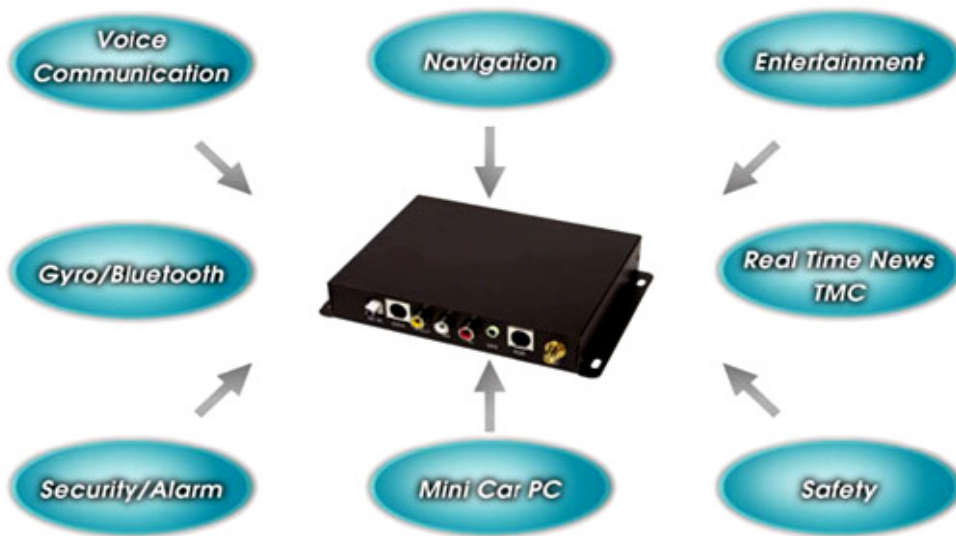
Processor: Samsung 2440 ARM9 400MHz

AV Out: 480 x RGB x 234

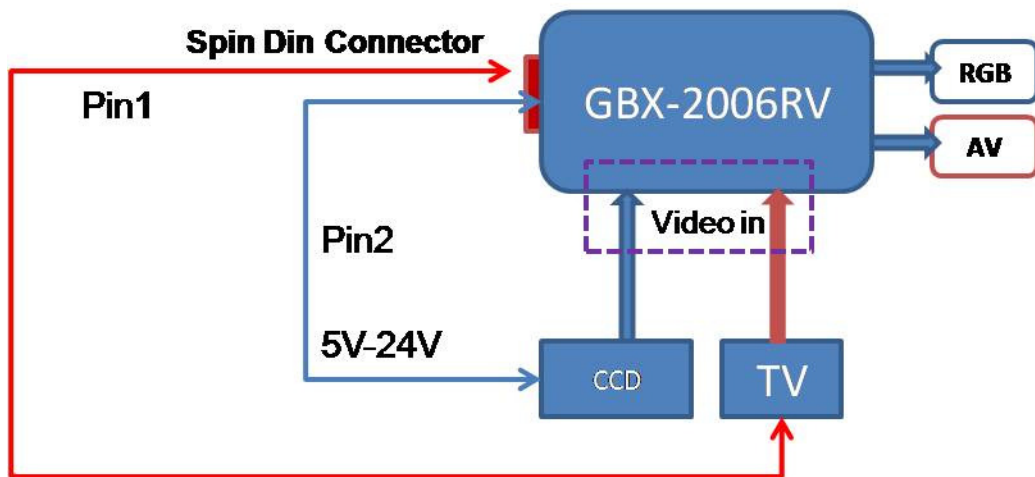
OS/Language: WinCE 5.0/English or Traditional and simplified Chinese

1. GPS Antenna: SMA Active antenna
2. GPS Engine: 66 Channels GPS engine
3. Sensitivity: -163dBm tracking
4. TTFF: hot/warm/cold: 1/28/30 seconds
5. Memory on board: NAND Flash Memory 32MB x 1, SDRAM 64MB
 - IO:
 1. RCA AV Jack
 2. SD socket (up to 16GB)
 3. SMA female cable
 4. Power DC Jack 3.5mm
 5. IR receiver 38K on board or 2.4G RF transceiver
 6. Mini DIM 9pins for RGBS
 7. Mini DIM 8pins for external touch panel data access
 8. Type A USB 1.1/2.0 full speed x 1
 9. Optional 6pins PS2 connector for TMC/debug/GPS position output
 10. Video in for "picture in picture" (optional)
 - Power supply: 10~30V
 - AP: Map engine (IGO)
 - LEDs: dual LED for GPS and power indicator
 - PCB Dimensions: 102 x 105 x 20mm

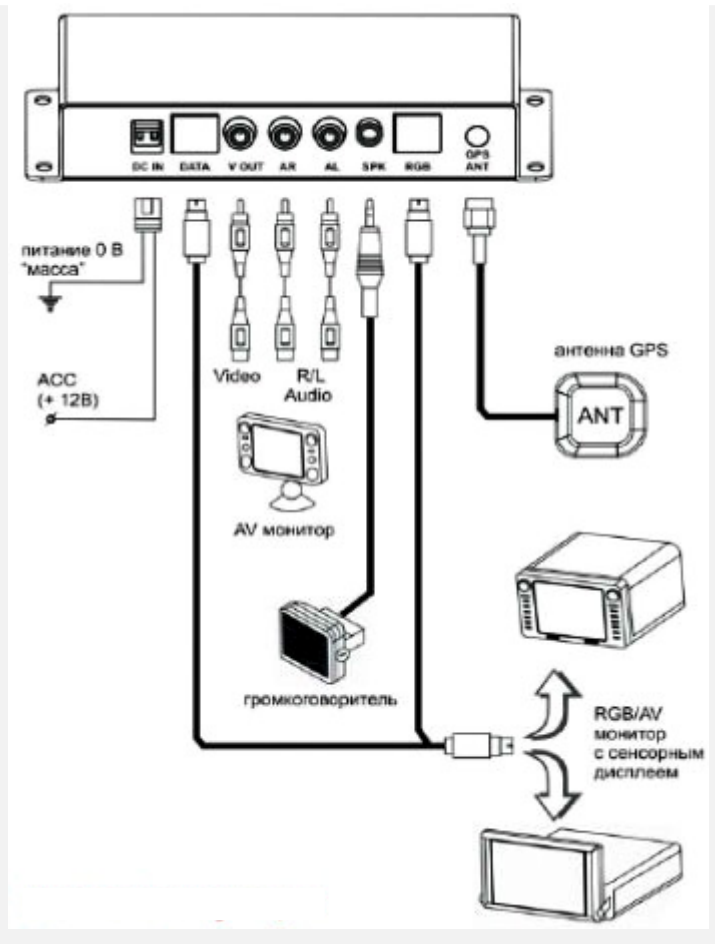
APPLICATIONS



Optional Support Video Input



IR to GBX2006RV RF remote/Touching panel code



Panel Support 3/19/2009

Car Brand	Car Model	Year	Panel Brand	Panel Model	Navi panel Select		Touch Support	RGB
Toyota	WISH	06	Fujitsuten		Panasonic		V	V
Toyota	WISH G	06	Fujitsuten		Panasonic		V	V
Toyota	PREVIA	07	Fujitsuten		Panasonic		V	V
Toyota	CAMRY	06~07	Fujitsuten		Panasonic		V	V
Toyota	YARIS	07	Fujitsuten		Panasonic		V	V
Toyota	車美仕	07	車美仕		Panasonic			V
Toyota	BCOM	07	BCOM		Panasonic			V
Toyota	CAMRY	02~05	Panasonic	AV800	CT6506			V
Mitsubishi	Savrin	05~07	Panasonic		CT6506			V
Mitsubishi	Grunder	05~07	Panasonic		Panasonic			V
Mitsubishi	Outlander		Panasonic		Panasonic		V	V
Mitsubishi	Colt Plus	07	Panasonic	CQ-DB185AA	CT6506			V
Ford	Escape	04~05	Panasonic		Panasonic			V
Ford	Escape	07	Panasonic		Panasonic			V
Ford	Metrostar	2006	Panasonic		Panasonic			V
Ford	邱比特	07	Panasonic		Panasonic		V	V
Ford	邱比特	04~05	BCOM		Panasonic			V
Honda	CRV	2006	Panasonic		Panasonic			V
Honda	Accord	2006	Panasonic		Panasonic			V
Honda	K8	06~07	Panasonic		Panasonic		V	V
Honda	CRV	2005	Panasonic	AV800/900	CT6506			V
Hyundai	TUCSON		Panasonic	171AA	CT6506			V
Mazda	M5	06~07	ELead	EL822FL1	EXT. touch		V	V
			ELead	EL822TMC2	E-lead		V	V
Nissan	Teana	05~06	Panasonic		Panasonic			V

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Nissan	X-Trail	05~06	Panasonic		Panasonic			V
Nissan	QRV	05~06	Panasonic		Panasonic			V
Nissan	Bluebird	05~06	Panasonic		Panasonic			V
Nissan	Tida	05~06	Panasonic		Panasonic			V
ISUZU 2700cc	Grund Vltara		Panasonic	6503H	Panasonic		V	V
			Panasonic	6503H	Panasonic		V	V
			Panasonic	6553	CT6506		V	V
			Panasonic	6505	Panasonic		V	V
			Panasonic	5505 2DIN	Panasonic		V	CVBS
			Panasonic	5006 1DIN	Panasonic		V	CVBS
			Oris	CT6506	Cardio		V	V
			ARS	YPM2680	Cardio			V
			ARS	YPM2690	Cardio		V	V
			Caska	CA1605S	Caska1605S		V	CVBS
			Caska	K130	Caska K130		V	CVBS
			Foryou	DV7212	DV721		V	V
			Foryou	DV621	DV621		V	V
			Skypine	SD-9525	Skypine		V	V
			Cardio	EXT-Panel	EXT. touch		V	V
			Alpine	IVA-D310E	Alpine		V	V
			Alpine	IVA-W200E	Alpine		V	V
			Miday		EXT. touch		V	V
			EETI	<small>ETP-MB-S4000RAGO</small>	EXT. touch			
			立凱		EXT. touch		V	Y/C
			CAR AV		Customize		V	Y/C
			JVC	AVX-810	JVC810		V	CVBS
			KENWOOD	All series	Kenwood		V	V
			OWA	DTV-2066	OWA		V	V

Panel Support 3/19/2009

			東電	TDZ-800	Panasonic		V	V
			PIONEER	AVH-P6850DVD AVH-P4150DVD 3150 4050	Pioneer		V	V
			PANASONIC	CQ-VW100W	Panasonic		V	V
			PANASONIC	CQ-VX100T	Panasonic		V	V
				DV-FF2	DV-FF2		V	V
			AVT	IM-1612	AVT		V	CVBS
			AVT	IM-998TN	Skypine		V	V
			Clarion	1. MAX678RVD 2. VRX 788BT 3. MAX688RVD 4. VRX 878RVD 5. VRX888RVD. 6. VRX848(RGB) 7. VRX888RBT 8. MAX888RBT	Clarion		V	V
			AudioVox	VME9022TS VME9122TS VME9312TS VME9412TS VME9512TS	AudioVox		V	V
			Rhoson	Volvo/Land Rover/Subaru	Landrover/ Volvo		V	V
			Necvox	HQ-1	HQ-1		V	V
			AUTONET	JHD-8650/30	Autonet		V	Y/C
			AUTOPRO		Autopro		V	V
			PASSION	CE6801	Passion		V	V
			AUTOSOUND		AutoSound		V	V
			AVCI(順通)	MSA-065ADT	Panasonic		V	V
			FORYOU	DV-7560	AudioVox		V	V
			AUDIOMEDIA	54365	AudioMedia		V	V
			VST	VIN-690B	VST		V	V
			HONDA	BT522E	DVFF2		V	V
			HONDA	HOD-801B	CT6506		V	V
			KOVAN		KOVAN		V	Y/C