



Important information about the update V2.63

Attention !!!

If the MUX box is in use with a GPS module the MUX box itself resets time to time. In some cases, this reset is announced with a spoken message („Attention receiver feedback minimum“).

It is a bug, the receiver connection is not affected at all.

This bug will be corrected with the new MUX box firmware or receiver firmware update

Attention !!!

Note: The update process of the NEW Speech Data will take several minutes! Thanks for your consideration.

Please Note: To operate the Tiny5 receiver the transmitter module firmware **V2.62 or higher is required!**

Due to continuous development and improvements our GigaControl software and firmware components got updated.

In this release history list all changes and innovations are described. Of course previous versions are still working and if you check the notes at each version you can decide by your own if it necessary for you to update. But nevertheless weatronic always recommends the latest Version for all your components!

Firmware update will put the components back to factory settings! All adjustments saved internal will get lost. So please make a backup of the configuration! Use GigaControl to save the configuration data. Check the [weatronic – firmware updating.pdf](#) for detailed instruction.

Also be aware that weatronic offers no guaranty for mixed TX-RX firmware versions. Firmware combinations before 2.50 should not be used.

Please accomplish all safety checks and double check all functions before using your model.

weatronic software/firmware **version description**

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Transmitter module- Type DV4:

Version:	Date:	Notes:
V2.50	2010720	Initial product version. Check if appropriate firmware version installed in the receiver. Support for „Skynavigator“ (only with BT-Version). Preparation for MUX- /VM-Board. Telemetry – optimized data stream. Additional modulations; more tolerant to „old “transmitters””. Depending on the modulation now up to 16 Channels. Reset for GPS with switching 3-times. Several bugs fixed on speech output. USB-Timing / connection optimized for PC.
V2.55	20110915	Sum channel, slave mode added. Multi-Module for all versions. BT-Versions got new telemetry protocol.
V2.57	20120427	Speech issue at LinkVario fixed. Detection of the GPS-start position optimized.
V2.58		Internal version.
V2.59	20120516	„jerky“ servo movement at Futaba „FASST“ fixed.
V2.61	20120622	On some conditions language file was not loaded. - fixed. GPS-values are only issued for speech-output if GPS-Module is connected. LinkVario / Sleepmode – Voice output – fixed.
V2.62	20121028	Support for Tiny5 with new Protocol
V2.63	20130711	New voice output, English and German voice is now available

Transmitter module- Type D:

Version:	Date:	Notes:
V1.xx	2008-	Pre-series.
V2.00	20090403	Initial product version.
V2.01	20090420	Internal Version (debug-log).
V2.02	20090518	Range test extended to 60s.
V2.03	20090529	Time in log file from UTC to local time changed.
V2.04	20090630	Automatic modulation recognition changed. PPM-Uni only 6-9 channel; PPM12 is detected separately. Reason: different servo center position.
V2.05	20090714	Internal improvement. Watchdog impulse extended.
V2.06	20090716	USB-timing changed.
V2.07	20090903	Flash code for country optimized. Internal optimizations.
V2.08	20091008	no change (generated automatically).
V2.30	20100702	Check if appropriate firmware version installed in the receiver. Flashing code changed. Telemetry, speech output for GPS-Module and LinkVario. Opportunity to control receiver.
V2.33	20101012	Calculation at 400A current sensor corrected. Various internal improvements.
V2.35	20110406	Fix problems loading language file in conjunction with „slow“ micro SD cards.
V2.50	2010720	Check if appropriate firmware version installed in the receiver. Preparation for MUX-Box. Telemetry – optimized data stream.

Additional modulations; more tolerant to „old“ transmitter.
 Depending on the modulation now up to 16 Channels.
 Reset for GPS with 3 times switching.
 Several bugs fixed on speech output.
 USB-Timing / connection optimized for PC.

V2.55	20110915	Sum channel, slave mode added. Multi-Module for all versions. BT-Versions got new telemetry protocol.
V2.57	20120427	Speech issue at LinkVario fixed. Detection GPS-start position optimized.
V2.59	20120516	„jerky“ servo movement at Futaba „FASST“ fixed.
V2.61	20120622	On some conditions language file was not loaded. - fixed. GPS-values are only issued for speech-output if GPS-Module is connected.. LinkVario / Sleepmode – Voice output – fixed.
V2.62	20121028	Support for Tiny5 with new Protocol.

- End of update service -

DualReceiver (12-22R Series) - "Gizmo":

<u>Version:</u>	<u>Date:</u>	<u>Notes:</u>
V1.xx	2008-	Pre-series.
V2.05	20090714	Initial product version.
V2.06	20090716	USB-Timing changed.
V2.07	20090903	Improper display on battery test fixed. Servo synchronization new status display. Slow function error on movement fixed. Gyro calibration changed.
V2.08	20091008	Gyro fading out only uses the Min-/Max-curve.
V2.30	20100702	Check if appropriate firmware version installed in the transmitter module. Flashing code changed. New factory settings: Failsafe changed to Hold . Servo pulse delayed on startup. Back channel optimized. SCU-connector activated for telemetry. MultiModul-function. Servo auto sync now for 10 groups. Various internal improvements.
V2.32	2010827	Problem with input „external Gyro“ fixed.
V2.33	20101012	Calculation with 400A current sensor corrected. Various internal improvements.
V2.50	2010720	Check if appropriate firmware version installed in the receiver. Preparation for MUX-Box. Telemetry – optimized data stream. Depending on the modulation now up to 16 Channels. New Gyro programming (depending on version). Internal fixes.
V2.52	2010826	No change.
V2.56	20110920	Error on servo output fixed.
V2.58	20120118	Servo output pulse can be selected (factory setting asynchronous). Intermittent fault with GPS altitude fixed.
V2.59	20120516	„jerky“ servo movement at Futaba „FASST“ fixed. Memory problem solved with telemetry data.
V2.63	20130711	Error on internal GPS fixed, Gyro improved

DualReceiver "Micro-Series":

Version:	Date:	Notes:
V1.xx	2008-	Pre-series.
V2.00	20090403	Initial product version.
V2.01	20090420	Internal Option (Program start optimized - debug-log).
V2.02	20090518	Factory settings Servo pulse changed from 15ms to 18ms.
V2.03	20090529	Slow function now at mixed Servos.
V2.04	20090630	Preparation for new versions (Gyro sensitivity increased).
V2.05	20090714	No changes.
V2.06	20090716	No changes.
V2.07	20090903	Flash code Failsafe learning. Gyro calibration changed. Slow function optimized.
V2.08	20091008	Gyro suppression now only to Min-/Max-curve.
V2.30	20100702	Check if appropriate firmware version installed in the transmitter module. Flashing code changed. New factory settings: Failsafe changed to Hold. Servo pulse delayed on startup. Back channel optimized. SCU-connector activated for telemetry. MultiModul-function. Various internal improvements.
V2.33	20101012	Calculation with 400A current sensor corrected. Various internal improvements.
V2.50	2010720	Check if appropriate firmware version installed in the transmitter module. Preparation for MUX-Box. Telemetry – optimized data stream. Depending on the modulation now up to 16 Channels. New Gyro programming (depending on version). Internal fixes.
V2.51	2010812	
V2.52	2010826	Learning Failsafe changed.
V2.55	20110915	MultiModul for all versions.
V2.56	20110920	Error on servo output fixed.
V2.58	20120118	Servo output pulse can be selected (factory setting asynchronous). Intermittent fault with GPS altitude fixed.
V2.59	20120516	„jerky“servo movement at Futaba „FASST“ fixed.
V2.63	20130711	Gyro improved

DualReceiver "Smart Series":

Version:	Date:	Notes:
V0.xx	201003	Pre-series.
V2.30	20100702	Check if appropriate firmware version installed in the transmitter module. Flashing code changed. New factory settings: Failsafe changed to Hold. Servo pulse delayed on startup. Back channel optimized. SCU-connector activated for telemetry. MultiModul-function. Various internal improvements.
V2.33	20101012	Calculation with 400A current sensor corrected. Various internal improvements.
V2.35	20101110	Solve problems on store Failsafe and other setups.
V2.50	2010720	Check if appropriate firmware version installed in the transmitter module.

Preparation for MUX-Box. Telemetry – optimized data stream.
 Depending on the modulation now up to 16 Channels. New Gyro programming (depending on version)
 Internal fixes.
 Sum channel.

V2.51	2010812	
V2.52	2010826	Learning Failsafe changed.
V2.55	20110915	Sum channel, Slave modes inserted. MultiModul for all versions.
V2.56	20110920	Error on servo output fixed.
V2.57	20111216	Sum channel optimized.
V2.58	20120118	Servo output pulse can be selected (factory setting asynchronous). Intermittent fault with GPS altitude fixed
V2.59	20120516	„jerky“ servo movement at Futaba „FASST“ fixed. Sum channel: Not defined Servos now on middle position.
V2.63	20130711	Gyro improved

Receiver "Clever Series":

<u>Version:</u>	<u>Date:</u>	<u>Notes:</u>
V0.xx	201004	Pre-series.
V2.30	20100702	Check if appropriate firmware version installed in the transmitter module. Flashing code changed. New factory settings: Failsafe changed to Hold . Servo pulse delayed on startup. Back channel optimized. SCU-connector activated for telemetry. MultiModul-function. Various internal improvements.
V2.32	2010827	Flashing code modified.
V2.33	20101012	Calculation with 400A current sensor corrected. Various internal improvements.
V2.35	20101110	Solve problems on store Failsafe and other setups.
V2.50	2010720	Check if appropriate firmware version installed in the transmitter module. Preparation for MUX-Box. Telemetry – optimized data stream. Depending on the modulation now up to 16 Channels. Internal fixes. Sum channel.
V2.52	2010826	Learning Failsafe changed.
V2.55	20110915	Sum channel, Slave modes inserted. MultiModul for all versions.
V2.56	20110920	Error on servo output fixed.
V2.57	20111216	Sum channel optimized.
V2.58	20120118	Servo output pulse can be selected (factory setting asynchronous). Intermittent fault with GPS altitude fixed.
V2.59	20120516	„jerky“ servo movement at Futaba „FASST“ fixed. Sum channel: Not defined Servos now on middle position.
V2.63	20130711	Internal fixes

Receiver "Tiny 5":

<u>Version:</u>	<u>Date:</u>	<u>Notes:</u>
V2.59	20120222	Initial production version.
V2.61	20121029	New Protocol (EN300 328 V1.81).
V2.63	20130711	Error on Quick Binding fixed

MUX - Box:

Version:	Date:	Notes:
V1.0x	2011-	Prototype.
V1.04	20110518	Pre-series.
V1.05	20110914	Flow meters inserted.
V1.06	20110920	Flashing codes changed.
V1.08	20111215	Error on RPM fixed.
V1.09	20120315	Sensor Therny 1200 inserted

GigaControl - Software:

Version:	Date:	Notes:
V1.xx	2008-	Pre-series
V2.01	20090420	Initial production version
V2.02	20090421	Various adaptions USB optimized.
V2.03	20090429	Various adaptions
V2.04	20090504	Various adaptions
V2.05	20090604	Various adaptions Error in assignment servo 13-30 fixed
V2.06	20090716	No change (generated automatically)
V2.07	20090903	Various adaptions
V2.08	20090916	Screen size dynamically – Resolution of some smaller netbooks NavView now up to 32 charts Min / max-value fixed to all Gyro information is cleared on "reset" Language corrections added Security check before enter "Scan mode"
V2.09	20091008	Language corrections added Confirmation before deleting all servo setups
V2.30	20100702	Version check on appropriate firmware Now 10 servo groups possible Now 20 Value for „slow“ New factory settings: Failsafe changed to Hold MultiModul-function inserted Default image in the receiver Tab New Tab's telemetry / sensor - LinkVario Various internal improvements
V2.50	2010720	Version check on appropriate firmware New tab for MUX-Box New tab for Big Display In „Transmitter configuration“ – New setup for Bluetooth In „Transmitter configuration“ - New modulations inserted In „Configuration Servo“ - „crosshair“ for detailed settings In „Configuration Servo“ - New Button „Assume failsafe“ In „NavView“ - „OLC“ output possible In „NavView“ – new column „Time“ Telemetry – optimized data stream Now up to 16 channels depending on modulation Internal optimizations
V2.51	2010804	Error fixed when export *.kml and *gpx in NavView In NavView LinkVario – speed in m/s und km/h
V2.55	20110915	16+ channels available (currently 14 channels in Futaba-transmitters) Sum channel, slave mode inserted

V2.56	20110920	Additional telemetry-protocol for BT
V2.59	20120315	Sum channel selection optimized
		New receiver Tiny5 added
		Sensor Therny 1200 for MUX-Box inserted
V2.63	20130711	New tab for „voice output“, Bluetooth Telemetry output is now configurable

GigaUpdate:

Version:	Date:	Notes:
V1.xx	2008-	Pre-series.
V2.00	20090420	Initial production version.
V2.01	20090905	Automatic detection Com-Ports.
V2.02	20100510	Update function for „Smart“ und „Clever“
V2.03	20100705	Version number now on header.
V2.04	20110912	Update function for „Futaba-Adapter“.
V2.05	20111114	Update function for „Switch4“.
V2.06	20120222	Update function for „Tiny5“.