

PS2-RR inc DBS[™] (Downshift Blipping System) for Superbikes

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With over 25 years of development behind it, the PS2-RR represents the 4th generation of our original semi-automatic PS1 gearshifting system

Overview:

- Advanced electronic gearshifting system providing clutchless up & downshifting
- Supplied as bespoke model specific systems available for modern superbikes, supersport, touring bikes & more
- Completely Stand-Alone compatible with any ECU high market or otherwise the PS2-RR System controls all gearshifting functions
- Downshift blipping available for conventional Cable or DBW (Drive By Wire) throttles
- Neutral selection facility, fully programable to suit all engine & gearbox configurations
- Equally suited for track or street use

Upshifts:

- Programable ignition or fuel injection cuts providing “flat” clutchless upshifts
- Programable ignition ramping facility providing seamless power restoration after upshift ignition cuts
- Super-fast gearshifting capability with sub 20mS (millisecond) shift times logged in International Races

Downshifts:

- DBS[™] compliments the PS2-RR providing “Auto-Blipped” Seamless Clutchless Downshifts

Provided by either our unique systems;

- Self Teach Blipper for DBW throttles, which uniquely offers fully adjustable throttle opening percentages
- Electromechanical Remote Cable Blipper, for conventional Cable Throttles which is also adjustable for throttle opening percentages
- Downshift Delay Timer allowing Blip-Gearshift downshift sequencing, programable to suit all engine configurations

Fingertip Control:

- Gearshift operation provided by billet handlebar mounted switchgears featuring ip67 gold contact switching employed for all weather reliability
- Handlebar switchgears customised for street or full race applications