

Vergleich FUTABA 16SZ / 16IZ

| | T16SZ | T16IZ |
|---|--|--|
| SYSTEM | | |
| Modulation | FASSTest, FASST, T-FHSS, S-FHSS | FASSTest, FASST, T-FHSS, S-FHSS |
| Channel (Liner CH + Digital CH) | 16 + 2 | 16 + 2 |
| Internal Model Memory | 30 | 30 |
| External Model Memory | No | No |
| Model Data Copy | SD Card (SDHC is available.) | SD Card (SDHC is available.) |
| Conventional Frequency Synthesizer System | No (Dedicated 2.4GHz) | No (Dedicated 2.4GHz) |
| 2.4GHz Module | No (Dedicated 2.4GHz) | No (Dedicated 2.4GHz) |
| Model ID | Yes | Yes |
| Telemetry System | Yes | Yes |
| Voice Message | Yes | Yes |
| Software Update | Yes (Through SD card) | Yes (Through SD card) |
| Stick Calibration | Yes | Yes |
| Stick Mode | 01. Apr | 01. Apr |
| Multi language | Yes (9 languages) | Yes (9 languages) |
| HARDWARE | | |
| LCD | 4.3 inches 480 x 272 pixelsColor TFT-LCD | 4.3 inches 480 x 272 pixelsColor TFT-LCD |
| LED | 1 (3 color LED) | 2 (Red x 1, Blue x 1) |
| Touch Screen / Touch Sensor | Touch Screen | Touch Screen |
| Front Dial | 2 | 2 |
| Rotary Encoder with push switch | No | No |
| Side Lever | 2 | 2 |

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| Trim Lever | 4 | 4 |
| Toggle Switch | 8 | 8 |
| Stick Swich | No | No |
| Edit Dial | No | No |
| Edit Key | 2 | 2 |
| Cross Key (Cursor Key) | No | No |
| Battery | HT5F1700B (6.0V Ni-MH) (LiFe LT2F2100B is available) | LT2F2000B (Li-polymer 7.4V/2000mAh) with internal USB charger |
| Antenna Angle Adjustment | Yes (90 degree and 3 step turnable) | Yes (90 degree and 3 step turnable) |
| Speaker | Yes | Yes |
| Earphone Jack | Yes | Yes |
| USB | No | Yes (Type-C connector) for Filight simulators |
| Calender Clock | No | No |
| S.BUS I/F | Yes (without Power Supply) | Yes (with Power Supply) |
| Trainer | PPM 8CH / PPM 12CH / S.BUS (16CH) | PPM 8CH / PPM 12CH / S.BUS (16CH) |
| Trainer S.BUS port | Yes | No |
| DSC | No | No |
| Adjustable angle lever stick | No | No |
| Selectable stick mode | No | Yes |
| Microphone | No | No |
| Vibrator | Yes | Yes |
| BASIC | | |
| User Name | 15 characters | 15 characters |

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| Model Name | 15 characters | 15 characters |
| Condition Name | Yes | Yes |
| Function Setting | Yes | Yes |
| Function Rename | Yes (AUX function only) | Yes (AUX function only) |
| Sub Trim | ±240 steps | ±240 steps |
| Servo Reverse | Yes | Yes |
| F/S | Yes | Yes |
| Battery F/S | All CH (FASSTest, FASST Multi, T-FHSS, S-FHSS)Only 3CH (FASST 7CH) | All CH (FASSTest, FASST Multi, T-FHSS, S-FHSS)Only 3CH (FASST 7CH) |
| EPA | 30 - 140% (with Limit setting) | 30 - 140% (with Limit setting) |
| Servo Speed | Yes | Yes |
| Trim Setting | Step, Rate, Mode | Step, Rate, Mode |
| Flight Condition | Full Condition (Maximum 8 conditions) | Full Condition (Maximum 8 conditions) |
| AFR (D/R) | Yes | Yes |
| AFR Curve Mode | 3 types | 3 types |
| AFR Curve Point Number | Maximum 17 points | Maximum 17 points |
| Programable Mixing | 10 circuits per condition | 10 circuits per condition |
| Throttle Cut | Yes | Yes |
| Idle down | Yes | Yes |
| Logic switch | Yes (Condition & DG swich only) | Yes (Condition & DG swich only) |
| Data editor for S.BUS equipments | Yes (S.BUS Sx) | Yes (S.BUS Sx, CGY760R) |
| Audio Player | No | No |
| Sound Player | No | No |
| User Menu | Yes | Yes |

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|-------------------------------|-------------------------------|-------------------------------|
| Servo Monitor | Yes (with NT and Moving Test) | Yes (with NT and Moving Test) |
| Mixing Monitor | No | No |
| Up/Down Timer | 2 | 2 |
| Integral Timer (System Timer) | Yes | Yes |
| Model Timer | Yes | Yes |
| Stick Alarm | Yes | Yes |
| Quick Model Select | No | No |
| PLANE | | |
| Wing Type | 13 | 13 |
| Tail Type | 3 | 3 |
| Rudder Type | 2 | 2 |
| Flap Setting | Yes | Yes |
| AILE Differential | Yes | Yes |
| AILE to Camber FLAP Mix | Yes | Yes |
| AILE to Brake FLAP Mix | Yes | Yes |
| AILE to RUD Mix | Yes | Yes |
| AIRBRAKE to ELEV Mix | Yes | Yes |
| RUDD to AILE Mix | Yes | Yes |
| RUDD to ELEV Mix | Yes | Yes |
| Camber Mix | Yes | Yes |
| ELEV to Camber Mix | Yes | Yes |
| Camber FLAP to ELEV Mix | Yes | Yes |
| Snap Roll | Yes | Yes |
| Airbrake Mix | Yes | Yes |

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| V Tail | Yes | Yes |
| Ailvator | Yes | Yes |
| Winglet | Yes | Yes |
| FLAPEROM Mix | No (use Camber Mix) | No (use Camber Mix) |
| ELEVON Mix | No (use Camber Mix) | No (use Camber Mix) |
| Motor Mix | Yes | Yes |
| Fuel Mixture | No | No |
| Multi Engine | Yes | Yes |
| Gyro Sense | Yes | Yes |
| THR Curve | Avalable (use AFR) | Avalable (use AFR) |
| PIT Curve | Avalable (use AFR) | Avalable (use AFR) |
| THR Hold | No | No |
| Balance | No | No |
| HELICOPT | | |
| Swash Type | 8(H-1, H-2, H-3, HR3, HN3, HE3, H-4, H4X) | 8(H-1, H-2, H-3, HR3, HN3, HE3, H-4, H4X) |
| PIT / THR Curve | Yes | Yes |
| PIT / THR Curve Mode | 3 | 3 |
| PIT / THR Curve Point Number | Maximum 17 points | Maximum 17 points |
| Acceleration | Yes | Yes |
| Throttle Hold | Yes | Yes |
| Swash Mixing | Yes | Yes |
| Throttle Mixing | Yes | Yes |
| PIT to NEEDLE Mixing | Yes | Yes |
| PIT to RUD Mixing | Yes | Yes |

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| Fuel Mixture | No | No |
| Gyro Sense | Yes (3 axis is available) | Yes (3 axis is available) |
| Governor | Yes | Yes |
| Condition Hold | Yes | Yes |
| Hovering Pitch | Yes | Yes |
| High / Low Pitch | Yes | Yes |
| Hovering Throttle | Yes | Yes |
| Swash AFR | Yes | Yes |
| Swash Setting | Yes(Mixing Rate,Linkage Compensation, Speed Compensation) | Yes(Mixing Rate,Linkage Compensation, Speed Compensation) |
| Swash Ring | Yes | Yes |
| Throttle Limiter | Yes | Yes |
| Gyro setting | No | Yes |
| GUIDER | | |
| Wing Type | 13 | 13 |
| Tail Type | 3 | 3 |
| Rudder Type | 2 | 2 |
| Flap Setting | Yes | Yes |
| AILE Differential | Yes | Yes |
| AILE to Camber FLAP Mix | Yes | Yes |
| AILE to Brake FLAP Mix | Yes | Yes |
| AILE to RUD Mix | Yes | Yes |
| RUDD to AILE Mix | Yes | Yes |
| AIRBRAKE to ELEV Mix | Yes | Yes |

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|-----------------------------------|---------------------------------|---------------------------------|
| Camber Mix | Yes | Yes |
| ELEV to Camber Mix | Yes | Yes |
| Camber FLAP to ELEV Mix | Yes | Yes |
| Butterfly Mixing | Yes | Yes |
| Butterfly to ELEV | Yes (ELEV rate in Butterly Mix) | Yes (ELEV rate in Butterly Mix) |
| Trim Mix 1 | Yes | Yes |
| Trim Mix 2 | Yes | Yes |
| V Tail | Yes | Yes |
| Ailvator | Yes | Yes |
| Winglet | Yes | Yes |
| FLAPEROM Mix | No (use Camber Mix) | No (use Camber Mix) |
| ELEVON Mix | No (use Camber Mix) | No (use Camber Mix) |
| Motor Mix | Yes | Yes |
| Balance | No | No |
| TELEMETRY | | |
| Receiver Battery | Yes | Yes |
| Temperature Sensor | Yes | Yes |
| RPM Sensor (Magnetic, Optic, BLS) | Yes | Yes |
| Altitude Sensor | Yes (with Vario) | Yes (with Vario) |
| GPS Sensor | Yes (included Altitude Sensor) | Yes (included Altitude Sensor) |
| Voltage Sensor | Yes | Yes |
| Current Sensor | Yes | Yes |
| Servo Sensor | Yes | Yes |
| ROXXY ESC | No | No |

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|---------------|---|---|
| Air Speed | Yes | Yes |
| Kontronik ESC | Yes | Yes |
| Castle TL0 | Yes | Yes |
| JetCat V10 | Yes | Yes |
| PowerBox | Yes | Yes |
| O.S. EM-100 | Yes | Yes |
| Voice | Yes (English, German, Japanese, French) | Yes (English, German, Japanese, French) |
| Data Logging | Yes | Yes |