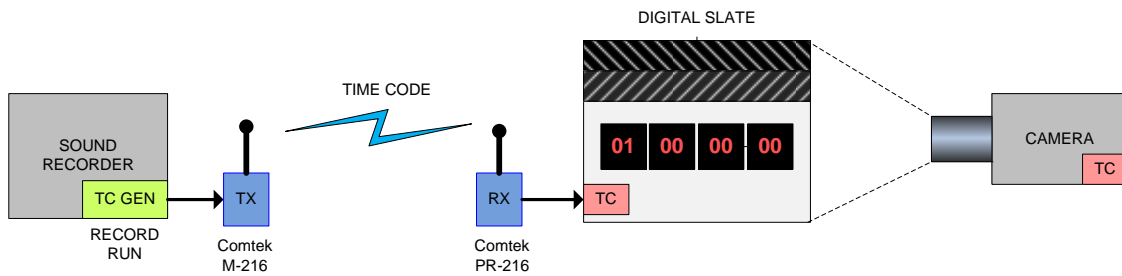


## Time Code Setup: Record Run



### RECORD RUN

#### Pros

- Recorded TC is continuous between takes
- No pre-roll required
- Pre-slating is possible

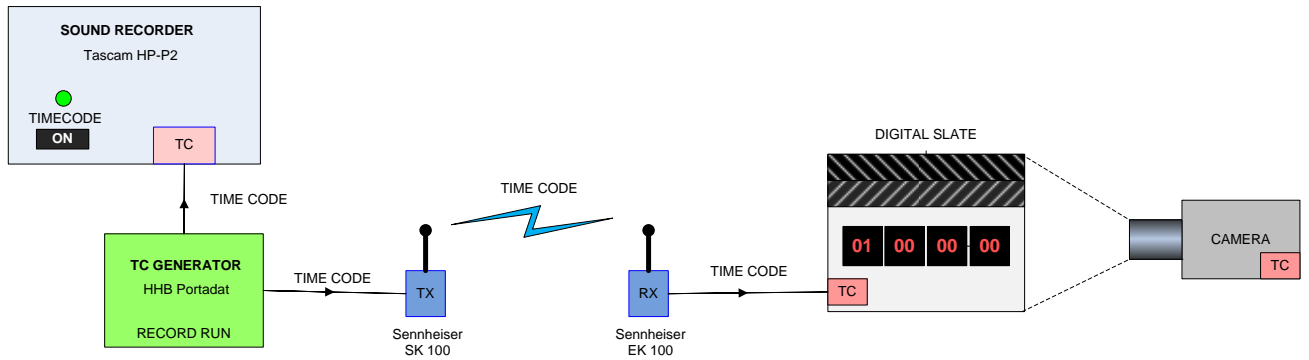
#### Cons

- High risk of losing the MASTER TC (single TC GEN)
- Risk of wireless TC breaks

#### Notes

- TC does not follow clock time
- TC HH usually means "Audio Medium Number".
- TC MM:SS:FF are set to zero
- Tapes must be labelled with the START DATE
- Wireless system may be used to send TC to slate
- TC drift is not a problem

## RECORD RUN



### Tascam HD-P2

#### System Menu

Immediate Record ON

#### Project Menu

Timecode ENABLED

#### Timecode Menu

Clock Source LTC  
 Frame Rate 25.00  
 Rate Pull Up/Down OFF  
 FreeWheel 1 FRAME  
 Jam Sync OFF  
 Trigger Mode SINGLE  
 Trigger on Frame OFF  
 Trigger Frame 00:00:00:00  
 Timecode Offset OFF  
 Offset 00:00:00:00

### Sennheiser SK 100

#### Menu

SENSIT --30 dB  
 PILOT PLT ON

### Sennheiser EK 100

#### Menu

AF OUT LEV +00  
 PILOT PLT ON  
 SQELCH SQ LO

### HHB Portadat

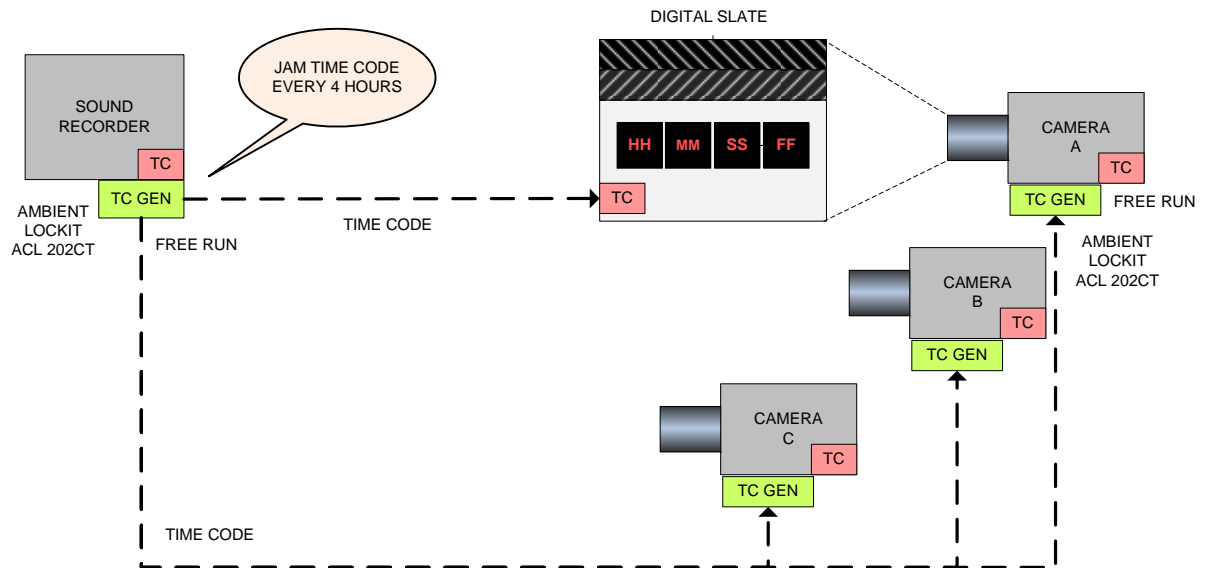
#### Timecode Front Panel

Time Code Mode REC RUN  
 Frame Rate 25  
 User Bits Source MANU  
 Time Code Source INT

## INSTRUCTIONS

1. TASCAM: Reformat Media (so there is no old TC)
2. TASCAM: Disconnect TC XLR cable
3. HHB: Time Code Mode: REC RUN
4. HHB: Set Source Time Code to 00:00:00:00
5. TASCAM: Connect TC XLR cable
6. TASCAM: Press TIMECODE button on (green LED flashes quickly)
7. TASCAM: Press REC (red LED flashes slowly)
8. HHB: Press REC (red LED on) to start next take
9. HHB: Press PAUSE (amber LED on) to stop current take
10. TASCAM: Press REC (red LED flashes slowly) ready for next take
11. HHB: Press PAUSE (amber LED on) to start next take
12. TASCAM: Repeat steps 9 and 11 for new takes
13. HHB: Press STOP to stop recording (red & amber LEDs off)

## Time Code Setup: Free Run



### FREE RUN

#### Pros

- TC runs continuously
- No wireless problems
- Low risk of losing the MASTER TC (multiple TC GENs)

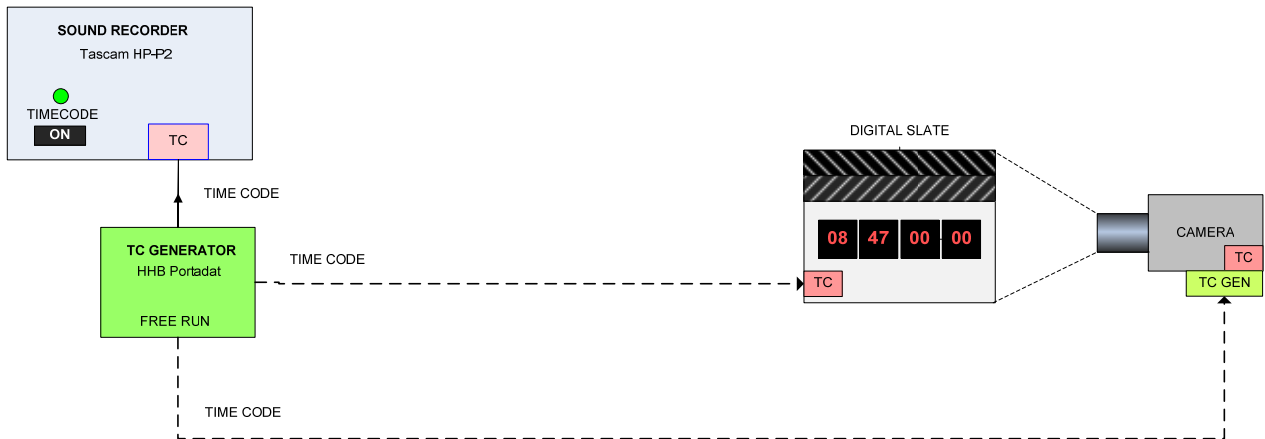
#### Cons

- Recorded TC is discontinuous between takes
- Pre-roll is required (up to 20 s)
- Pre-slating is not possible
- TC drift is a problem – jam to MASTER TC GEN every 4 hours

#### Notes

- TC follows clock time
- TC **HH:MM:SS:FF** is usually set to time-of-day
- Tapes must be labelled with the START DATE
- Essential for multi-camera productions
- MASTER TC GEN feeds the Sound Recorder

## FREE RUN



### Tascam HD-P2

#### System Menu

Immediate Record ON

#### Project Menu

Timecode ENABLED

#### Timecode Menu

Clock Source LTC  
 Frame Rate 25.00  
 Rate Pull Up/Down OFF  
 FreeWheel INFINITE  
 Jam Sync OFF  
 Trigger Mode AUTO  
 Trigger on Frame OFF  
 Trigger Frame 00:00:00:00  
 Timecode Offset OFF  
 Offset 00:00:00:00

### HHB Portadat

#### Timecode Front Panel

Time Code Mode FREE RUN  
 Frame Rate 25  
 User Bits Source MANU  
 Time Code Source INT

### INSTRUCTIONS

1. TASCAM: Reformat Media (so there is no old TC)
2. TASCAM: Disconnect TC XLR cable
3. HHB: Time Code Mode: FREE RUN
4. HHB: Set Source Time Code **HH:MM:SS:FF** to time-of-day
5. TASCAM: Connect TC XLR cable
6. TASCAM: Press TIMECODE button on (green LED flashes slowly) to chase external TC
7. TASCAM: Press REC (red LED on)
8. TASCAM: Press PAUSE twice (to STOP)
9. TASCAM: Disconnect TC XLR cable
10. TASCAM: Press REC (red LED on) - TC runs continuously
11. TASCAM: Leave a 10 second pre-roll before calling "speed"
12. TASCAM: Press PAUSE (amber LED flashes slowly) – TC runs continuously
13. TASCAM: Repeat steps 10 and 12 for new takes
14. TASCAM: Press PAUSE to stop recording (red & amber LEDs off) – TC runs continuously

# Guidelines on when to use **Record Run** and **Free Run**

## Shooting Film

All Situations

**Free Run**

## Shooting Video

- Single Camera & Single System Sound
- Single Camera & Double System Sound
- Multi Camera & Single System Sound
- Multi Camera & Double System Sound

**Free Run/Record Run**

**Free Run/Record Run**

**Free Run**

**Free Run**